

ORIGINAL



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LUBBOCK, TEXAS 79423-1954

August 14, 2013

Re: Columbus Electric Cooperative, Inc.
Docket Number E-01851A-13-0252

Via Federal Express

We are including the original and 13 copies of the Cost of Service Study prepared for Columbus Electric Cooperative, Inc.

If any further action is required please notify us.

Very truly yours,

Bolinger, Segars, Gilbert & Moss L.L.P.

Chris Martinez
Chuck Kreter

Arizona Corporation Commission
DOCKETED

AUG 15 2013

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ARIZONA CORPORATION COMMISSION
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COLUMBUS ELECTRIC COOPERATIVE, INC.

DEMING, NEW MEXICO

COST OF SERVICE STUDY

Prepared by:
BOLINGER, SEGARS, GILBERT & MOSS, L.L.P.
Certified Public Accountants
Lubbock, Texas

**Columbus Electric Cooperative, Inc.
Deming, New Mexico**

Cost of Service Study

Background:

The service area of Columbus:

Columbus Electric Cooperative, Inc. serves a total of 5,762 consumers, of which 5,297 are located in New Mexico and 483 in Arizona. Columbus has historically provided, and plans to continue to provide, service to all its consumers in each respective rate class at the same rate, jurisdictions notwithstanding. The reasons for this are:

- a) There is no difference in service characteristics of the customers in New Mexico and Arizona.
- b) All customers are members of the cooperative in equal standing whose respective service needs are all provided for in the same manner.

The Board of Trustees is aware that some differences in rate of return will occur between jurisdictions when identical rates are applied in this manner; however, the equality of the members and the administrative benefits of uniform rate schedules for each class of customer are of far greater importance. Additionally, the customers in each jurisdiction have requested that the customer classes in the total system be served at the same rate.

Cost of Service Study:

A cost of service study has been prepared to determine the net return to Columbus for each class of consumer. For the reasons set forth above, the study was developed on a system-wide basis, with additional information developed separately as to the Arizona portion of the system.

The study was performed under procedures and methodology which are generally accepted standards throughout the utility industry. Allocation of invested capital (rate base – at original cost) and operating expenses were allocated to the respective customer charges on the basis of demand, energy, and customer factors.

The study is presented in the following manner:

Section A is a summary reflecting the results of operations of Columbus for the test year ended September 30, 2012, at present rates, and at proposed rates, after adjustments to operating revenue and expenses. As reflected on Schedule A-1.0, the only adjustment to expenses is to reflect the wholesale power cost for the test year at the wholesale rate which became effective January 1, 2012. This rate, when applied to the wholesale power purchased from October 1, 2011 to December 31, 2011 results in additional power cost of \$56,522, which was added to purchased power expense and to FPPCA revenue. The purchased power cost, actual and adjusted, are reflected on Schedules A-2.0 and A-2.1.

**Columbus Electric Cooperative, Inc.
Deming, New Mexico**

Cost of Service Study

The additional revenue requested in the Request for Adjustment is \$115,000. This amount has been added to revenue and to margins, and the FPPCA revenue and the debt cost adjustment revenue have been included in the electric energy rates.

Also reflected in Section A are the schedules of return and operating TIER for each respective class, as well as the computation of rate base.

Section B presents the Balance Sheet of Columbus at September 30, 2012.

Section C reflects the allocation factors used in the Cost of Service Study and reflects the development of demand, energy, and customer allocation factors.

Schedule C-1.0 summarizes the factors used.

Schedule C-2.0 consists of twenty-six (26) pages which reflect the allocation factors summarized on Schedule C-1.0.

The demand functions utilized in this study are the NCP – Non Coincident Peak, and the system CP – Coincident Peak. The NCP of the large commercial and industrial classes was determined from the monthly demand readings from the consumer billing records. The NCP of the other classes was computed from estimated load data and load factor data.

The monthly billing of KW demand from the wholesale power supplier – the TGST/MCP from the monthly power bills was adopted as the system CP, which was allocated to each customer class by the average and excess demand method.

The demand portion of wholesale power costs was allocated on the basis of total CP (coincidental demand) computed for each class – allocation factor #11.

The allocation of energy costs is based on KWH sales to each consumer class, based on actual consumer billings. KWH purchases were allocated on the basis of KWH sales. The energy portion of wholesale power costs is allocated on this basis, as reflected by allocation Factor #12.

The allocation of the portion of demand – related plant investment to each class is based on the Peak NCP of each class allocation Factor #1.

Section D reflects the allocation of plant investment to each customer class. Schedules D-1.0 through D-5.0 reflect the detail of the allocation of plant by general ledger account.

Section E reflects the allocation of operating revenues by customer class. This allocation was more from actual billing records. Schedules E-2.0 through E-3.0 reflect a proof of revenue under existing and proposed rates. Schedule E-4.0 presents a comparison of consumer bills at each respective rate.

**Columbus Electric Cooperative, Inc.
Deming, New Mexico**

Cost of Service Study

Section F reflects the allocation of operating expenses to each customer class. The allocation factors used in the allocation are reflected for each expense.

Section G contains the existing rate schedules.

Section H contains the proposed rate schedules.

Rate design:

The design of the proposed rates is identified to the present rates in effect. Items of note are:

- a) A customer charge applies to all rate classes. The lighting class is unmetered; KWH usage has been assigned based on industry standards for each size light. The customer charge to the various classes has been increased to more closely reflect the customer charge indicated by the Cost of Service Study.
- b) Each rate contains an energy charge for all classes except lighting, as reference in (a). The energy charge is flat with no steps for different levels of usage.
- c) A KW demand charge applies to the large commercial and industrial classes. The Ag Service rate is demand metered; however the demand reading is only utilized to measure a minimum load factor requirement.

Rates of return by class:

The proposed rates have been designed to yield an adequate overall return which, although not equal as to all classes, are reasonable and equitable under the circumstances.

COLUMBUS ELECTRIC COOPERATIVE, INC.

COST OF SERVICE

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COLUMBUS ELECTRIC COOPERATIVE, INC.

COST OF SERVICE

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A

COLUMBUS ELECTRIC COOPERATIVE, INC.
STATEMENT OF INCOME AND PATRONAGE CAPITAL - TOTAL SYSTEM
FOR THE YEAR ENDED SEPTEMBER 30, 2012

SCHEDULE A-1.0

	Balance Per Books		Adjustments		Proposed Increase		Adjusted Balance
OPERATING REVENUES							
Electric Energy Revenue	\$ 9,321,706			(2)	4,098,950	\$	13,420,656
FPPCA Revenue	3,749,856	(1)	56,552	(2)	(3,806,408)		
Debt Cost Revenue	177,542			(2)	(177,542)		
Other Operating Revenues	26,577						26,577
Total Operating Revenues	<u>\$ 13,275,681</u>		<u>56,552</u>	(2)	<u>115,000</u>	\$	<u>13,447,233</u>
OPERATING EXPENSES							
Purchased Power	\$ 7,874,153	(1)	56,552			\$	7,930,705
Transmission Expense	17,902						17,902
Distribution - Operation	942,890						942,890
Distribution - Maintenance	336,152						336,152
Customer Accounts	630,545						630,545
Customer Service and Information	95,935						95,935
Administrative and General	1,202,907						1,202,907
Depreciation and Amortization	1,162,512						1,162,512
Other Interest	6,175						6,175
Other Deductions (Income)	4,191						4,191
Total Operating Expenses	<u>\$ 12,273,362</u>		<u>\$ 56,552</u>		<u>\$ 0</u>	\$	<u>12,329,914</u>
UTILITY OPERATING MARGINS (RETURN)	\$ 1,002,319				\$ 115,000	\$	1,117,319
Interest on Long-Term Debt	558,003						558,003
OPERATING MARGINS	<u>\$ 444,316</u>				<u>\$ 115,000</u>	\$	<u>559,316</u>
CAPITAL CREDITS							
G&T Capital Credits	\$ 507,855					\$	507,855
Other Capital Credits	17,633						17,633
	<u>\$ 525,488</u>				<u>\$ 0</u>	\$	<u>525,488</u>
NET OPERATING MARGINS	\$ 969,804				\$ 115,000	\$	1,084,804
NON-OPERATING MARGINS							
Interest & Other Income	55,430						55,430
NET MARGINS	<u>\$ 1,025,234</u>				<u>\$ 115,000</u>	\$	<u>1,140,234</u>

(1) Tri-State increased wholesale power rate effective January 1, 2012; adjustment is to apply 2012 wholesale power rate to October - December, 2011.

Power Cost - Test Year, Annualized	\$ 7,930,705
Power Cost - Test Year, Per Books	<u>7,874,153</u>
Adjustment	<u>\$ 56,552</u>

(2) Proposed increase in rates in current filing.
FPPCA, Debt Cost Adjustment Revenue folded into Rates

\$ 115,000

COLUMBUS ELECTRIC COOPERATIVE, INC.
SCHEDULE OF POWER COST
YEAR ENDED SEPTEMBER 30, 2012

Schedule A-2.0

	<u>October '11</u>	<u>November '11</u>	<u>December '11</u>	<u>January '12</u>	<u>February '12</u>	<u>March '12</u>	<u>April '12</u>
Energy Cost	\$ 198,999	\$ 138,653	\$ 159,064	\$ 165,913	\$ 173,671	\$ 259,739	\$ 303,376
Demand Cost	271,309	206,766	240,865	245,584	268,963	375,962	415,239
Total	\$ 470,307	\$ 345,418	\$ 399,929	\$ 411,497	\$ 442,634	\$ 635,701	\$ 718,614
 Kwh Purchsed	 7,276,000	 5,069,577	 5,815,876	 5,731,022	 5,999,007	 8,972,000	 10,479,305
KW Demand	12,619	9,617	11,203	10,973	12,018	16,799	18,554
 Rate:	 	 	 	 	 	 	
Energy Charge	\$ 0.02735			\$ 0.02895			
Demand Charge	\$ 21.50			\$ 22.38			
	<u>May '12</u>	<u>June '12</u>	<u>July '12</u>	<u>August '12</u>	<u>September '12</u>	<u>Total</u>	<u>Year</u>
Energy Cost	\$ 324,940	\$ 382,178	\$ 393,489	\$ 404,103	\$ 298,571	\$	\$ 3,202,697
Demand Cost	466,153	552,137	559,276	569,705	499,499		4,671,456
Total	\$ 791,093	\$ 934,315	\$ 952,765	\$ 973,808	\$ 798,070	\$	\$ 7,874,153
 Kwh Purchsed	 11,224,191	 13,201,329	 13,592,005	 13,958,645	 10,313,340	 	 111,632,297
KW Demand	20,829	24,671	24,990	25,456	22,319		210,048

COLUMBUS ELECTRIC COOPERATIVE, INC.
SCHEDULE OF POWER COST
YEAR ENDED SEPTEMBER 30, 2012
AT 2012 TRI-STATE RATES

Schedule A-2.1

	<u>October '11</u>	<u>November '11</u>	<u>December '11</u>	<u>January '12</u>	<u>February '12</u>	<u>March '12</u>	<u>April '12</u>
Energy Cost	\$ 210,640	\$ 146,764	\$ 168,370	\$ 165,913	\$ 173,671	\$ 259,739	\$ 303,376
Demand Cost	282,413	215,228	250,723	245,441	267,172	375,962	415,239
Total	\$ 493,053	\$ 361,993	\$ 419,093	\$ 411,355	\$ 440,844	\$ 635,701	\$ 718,614

Kwh Purchsed	7,276,000	5,069,577	5,815,876	5,731,022	5,999,007	8,972,000	10,479,305
KW Demand	12,619	9,617	11,203	10,967	11,938	16,799	18,554

Rate:							
Energy Charge				\$ 0.02895			
Demand Charge				\$ 22.38			

	<u>May '12</u>	<u>June '12</u>	<u>July '12</u>	<u>August '12</u>	<u>September '12</u>	Total Year
Energy Cost	\$ 324,940	\$ 382,178	\$ 393,489	\$ 404,103	\$ 298,571	\$ 3,231,755
Demand Cost	466,153	552,137	559,276	569,705	499,499	4,698,950
Total	\$ 791,093	\$ 934,315	\$ 952,765	\$ 973,808	\$ 798,070	\$ 7,930,705

Kwh Purchsed	11,224,191	13,201,329	13,592,005	13,958,645	10,313,340	111,632,297
KW Demand	20,829	24,671	24,990	25,456	22,319	209,962

Case: CEC20122
Solved: 06-17-2013 @ 11:09:34

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PRESENT RATES
SUMMARY REPORT

ACCOUNT	TOTAL DOLLARS	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
RATE BASE	24,342,178	9,675,421	1,718,712	7,053,754	3,156,258	1,497,007	933,016	308,011
OPERATING REVENUES	13,332,233	3,951,746	936,883	4,840,826	1,451,916	1,386,836	656,081	107,945
OPERATING EXPENSES	12,329,916	3,583,861	873,952	4,530,908	1,359,932	1,293,739	584,749	102,776
RETURN	1,002,317	367,886	62,932	309,919	91,984	93,097	71,331	5,169
RATE OF RETURN	4.118%	3.802%	3.662%	4.394%	2.914%	6.219%	7.645%	1.678%
RELATIVE ROR	1.000	0.923	0.889	1.067	0.708	1.510	1.857	0.408
INTEREST	558,003	229,428	38,694	157,183	72,155	32,710	20,803	7,030
OPERATING MARGINS	444,314	138,457	24,238	152,736	19,829	60,387	50,528	-1,862
MARGINS % OF REVENUE	3.333%	3.504%	2.587%	3.155%	1.366%	4.354%	7.702%	-1.725%
OPERATING TIER	1.796	1.603	1.626	1.972	1.275	2.846	3.429	0.735
REVENUE DEFICIENCIES								
UNIFORM ROR = 6.000000	458,214	212,640	40,191	113,307	97,391	-3,276	-15,350	13,312
REV DEF AS % REV	3.437%	5.381%	4.290%	2.341%	6.708%	-0.236%	-2.340%	12.332%
UNIFORM % MAR = 6.544586	458,214	128,583	39,674	175,566	80,459	32,503	-8,122	9,551
REV DEF AS % REV	3.437%	3.254%	4.235%	3.627%	5.542%	2.344%	-1.238%	8.848%

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
SUMMARY REPORT

ACCOUNT	TOTAL DOLLARS	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
RATE BASE	24,342,178	9,881,577	1,698,244	6,947,978	3,123,442	1,466,708	918,685	305,544
OPERATING REVENUES	13,447,233	4,011,740	936,877	4,840,884	1,501,907	1,386,845	656,056	112,924
OPERATING EXPENSES	12,329,916	3,583,861	873,952	4,530,908	1,359,932	1,293,739	584,749	102,776
RETURN	1,117,317	427,880	62,925	309,977	141,975	93,106	71,307	10,148
RATE OF RETURN	4.590%	4.330%	3.705%	4.461%	4.545%	6.348%	7.762%	3.321%
RELATIVE ROR	1.000	0.943	0.807	0.972	0.990	1.383	1.691	0.724
INTEREST	558,003	229,428	38,694	157,183	72,155	32,710	20,803	7,030
OPERATING MARGINS	559,314	198,451	24,232	152,794	69,819	60,396	50,504	3,118
MARGINS % OF REVENUE	4.159%	4.947%	2.586%	3.156%	4.649%	4.355%	7.698%	2.761%
OPERATING TIER	2.002	1.865	1.626	1.972	1.968	2.846	3.428	1.443
REVENUE DEFICIENCIES								
UNIFORM ROR = 4.590045	-0	25,689	15,025	8,939	1,393	-25,783	-29,139	3,876
REV DEF AS % REV	-0.000%	0.640%	1.604%	0.185%	0.093%	-1.859%	-4.442%	3.433%
UNIFORM % MAR = 4.159324	-0	-32,961	15,376	50,661	-7,669	-2,830	-24,224	1,647
REV DEF AS % REV	-0.000%	-0.822%	1.041%	1.047%	-0.511%	-0.204%	-3.692%	1.459%

COLUMBUS ELECTRIC COOPERATIVE, INC.
SCHEDULE OF RATE BASE - TOTAL SYSTEM - ORIGINAL COST
YEAR ENDED SEPTEMBER 30, 2012

Schedule A-4.0

Total Utility Plant - at Original Cost		\$	38,572,812
Less: Accumulated Provision for Depreciation			(15,217,020)
Net Utility Plant		\$	23,355,792
 Materials & Supplies Inventory			475,194
Prepayments			145,211
Customer Deposits and Prepayments			(293,800)
 Cash Working Capital			
Coat of Power	\$	7,930,705	
Working Capital Allowance	12 Days		260,736
Working Capital Allowance			
Transmission Expense	\$	17,902	
Distribution Operations & Maintenance		1,279,042	
Customer Accounts Expense		630,545	
Customer Service Expense		95,935	
Administrative General Expense		1,213,273	
Total Operations & Maintenance Expense	\$	3,236,697	
Working Capital Allowance	45 Days		399,045
 Total Rate Base		\$	<u>24,342,177</u>

Return on Rate Base:

Utility Operating Margin - Schedule F-1	(a)	\$	1,002,320	\$	1,117,320
Rate Base - Above	(b)	\$	24,342,177	\$	24,342,177
Return on Rate Base	(a)/(b)		4.12%		4.59%

Supporting Schedules
E-1 ; E-2

Summary Schedule:
A-1

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - RATE BASE

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
PLANT IN SERVICE	38,572,812	111	15,439,168	2,712,574	11,308,034	4,879,307	2,292,104	1,471,971	469,654
ACCUM DEPR TRANS	-1,173,622	102	-176,722	-108,898	-652,522	-72,804	-91,327	-68,439	-2,910
ACCUM DEPR DIST	-11,856,930	107	-4,875,090	-822,193	-3,339,951	-1,533,219	-696,052	-442,039	-149,386
ACCUM DEPR GEN PLT	-2,186,468	110	-875,156	-153,760	-640,987	-276,579	-129,926	-83,437	-26,622
Subtotal									
NET PLANT	23,355,792	125*	9,512,200	1,627,722	6,674,574	2,996,704	1,375,800	878,055	290,736
			40.727%	6.969%	28.578%	12.831%	5.891%	3.759%	1.245%
MATERIALS & SUPPLIES	475,194	109	190,201	33,417	139,308	60,110	28,237	18,134	5,786
PREPAYMENTS	145,211	121	54,451	10,448	33,896	19,754	17,503	6,319	2,841
CASH WK CAP PMR COST	260,736	122	62,737	18,413	112,829	25,405	27,369	13,142	841
CASH WK CAP O&M	399,045	119	149,632	28,711	93,146	54,284	48,098	17,366	7,807
CUST DEPS	-293,800	9	-87,644	-20,468	-105,776	-32,815	-30,299	-14,331	-2,467
TOTAL									
RATE BASE	24,342,178	126*	9,881,577	1,698,244	6,947,978	3,123,442	1,466,708	918,685	305,544
			40.594%	6.977%	28.543%	12.831%	6.025%	3.774%	1.255%

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COMPONENTS OF RATE BASE

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
DEMAND COMPONENT									
NONCOIN DEMAND	10,887,487	1	1,639,417	1,010,230	6,053,334	675,390	847,223	634,898	26,995
PWR COST SUM COIN DM	154,486	11	34,779	11,522	67,851	14,444	16,739	8,789	363
ACCT 368 TRANSF 30%	1,355,260	16	741,028	89,566	144,026	252,944	93,074	34,621	0
ACCT 369 OVHD SV 30%	229,820	17	196,203	3,832	3,301	24,869	1,393	222	0
ACCT 369 UNDG SV 60%	620,920	18	186,276	62,092	62,092	155,230	77,615	77,615	0
ACCT 370 METERS 30%	413,828	19	223,511	27,095	38,055	101,751	18,362	5,053	0
TOTAL	13,661,800		3,021,214	1,204,337	6,368,659	1,224,628	1,054,407	761,199	27,357
DEMAND COMPONENT			22.114%	8.815%	46.617%	8.964%	7.718%	5.572%	0.200%
CUSTOMER COMPONENT									
AVG CONS	5,314,283	4	4,016,419	169,910	146,368	899,702	70,625	11,259	0
WTD CONS METER READ	54,216	6	20,703	4,379	6,036	9,275	10,921	2,902	0
WTD CONS CONS ACCTS	141,191	7	50,346	10,649	13,760	22,556	35,412	8,468	0
ACCT 368 TRANSF 70%	3,162,272	16	1,729,064	208,988	336,061	590,203	217,172	80,783	0
ACCT 369 OVHD SV 70%	536,246	17	457,807	8,940	7,702	58,027	3,251	519	0
ACCT 369 UNDG SV 40%	413,947	18	124,184	41,395	41,395	103,487	51,743	51,743	0
ACCT 370 METERS 70%	965,598	19	521,526	63,223	88,796	237,418	42,846	11,790	0
ACCT 371 SECURITY LI	280,175	20	0	0	0	0	0	0	280,175
TOTAL	10,867,928		6,920,049	507,484	640,117	1,920,669	431,970	167,464	280,175
CUSTOMER COMPONENT			63.674%	4.670%	5.890%	17.673%	3.975%	1.541%	2.578%
ENERGY COMPONENT									
POWER COST KWH	106,250	12	27,958	6,892	44,978	10,961	10,630	4,353	478
TOTAL	106,250		27,958	6,892	44,978	10,961	10,630	4,353	478
ENERGY COMPONENT			26.313%	6.486%	42.333%	10.316%	10.005%	4.097%	0.450%
REVENUE COMPONENT									
BASE REVENUE PROPOS	-293,800	9	-87,644	-20,468	-105,776	-32,815	-30,299	-14,331	-2,467
TOTAL	-293,800		-87,644	-20,468	-105,776	-32,815	-30,299	-14,331	-2,467
REVENUE COMPONENT			29.831%	6.967%	36.003%	11.169%	10.313%	4.878%	0.840%
TOTAL RATE BASE	24,342,178		9,881,577	1,698,244	6,947,978	3,123,442	1,466,708	918,685	305,544
RATE BASE			40.594%	6.977%	28.543%	12.831%	6.025%	3.774%	1.255%

B

COLUMBUS ELECTRIC COOPERATIVE, INC.

**BALANCE SHEET
9/30/2011 AND 2012**

Schedule B-1.0

ASSETS

	2012	2011
UTILITY PLANT AT COST		
Electric Plant in Service	\$ 37,884,762	\$ 37,793,987
Construction Work in Progress	688,050	344,777
	<u>\$ 38,572,812</u>	<u>\$ 38,138,764</u>
Less: Accumulated Provision for Depreciation	15,217,020	14,561,071
	<u>\$ 23,355,792</u>	<u>\$ 23,577,693</u>
 OTHER PROPERTY AND INVESTMENTS - AT COST OR STATED VALUE		
Investments in Associated Organizations	\$ 2,950,359	\$ 2,430,609
 CURRENT ASSETS		
Cash - General	\$ 316,035	\$ 698,866
Temporary Cash Investments	701,000	
Accounts Receivable (Less allowance for uncollectibles of \$53,150 in 2012 and \$76,406 in 2011)	1,725,603	1,432,582
Materials and Supplies at Average Cost	475,194	388,542
Power Cost and Debt Cost Adjustments Underbilled	363,353	394,588
Other Current and Accrued Assets	145,211	136,320
	<u>\$ 3,726,396</u>	<u>\$ 3,050,898</u>
 DEFERRED CHARGES		
Regulatory Assets	\$ 575,060	\$ 634,231
Other	561,670	656,121
	<u>\$ 1,136,730</u>	<u>\$ 1,290,352</u>
 TOTAL ASSETS	<u>\$ 31,169,277</u>	<u>\$ 30,349,552</u>

EQUITIES AND LIABILITIES

EQUITIES		
Patronage Capital	\$ 10,332,640	\$ 9,323,389
Other Equities - Deficit	(447,280)	(463,265)
	<u>\$ 9,885,360</u>	<u>\$ 8,860,124</u>
 LONG-TERM DEBT		
RUS Mortgage Notes	\$ 7,926,775	\$ 11,533,227
FFB Mortgage Notes	6,144,199	5,448,935
CFC Mortgage Notes	2,067,822	1,401,579
CoBank Mortgage Notes	2,974,186	
	<u>\$ 19,112,982</u>	<u>\$ 18,383,741</u>
 ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS		
Post-Retirement Benefits	\$ 190,704	\$ 204,337
 CURRENT LIABILITIES		
Notes Payable - Line of Credit	\$	\$ 856,382
Accounts Payable - Purchased Power	798,070	801,770
Accounts Payable - Other	94,536	40,218
Consumers' Deposits and Prepayments	293,800	137,911
Accrued Taxes	255,581	247,585
Accrued Employee Compensated Absences	249,201	337,177
Other Current and Accrued Liabilities	122,908	150,548
	<u>\$ 1,814,096</u>	<u>\$ 2,571,589</u>
 DEFERRED CREDITS	\$ 166,135	\$ 329,761
 TOTAL EQUITIES AND LIABILITIES	<u>\$ 31,169,277</u>	<u>\$ 30,349,552</u>

C

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
ALLOCATION FACTORS

A.F.	FACTOR	TOTAL PERCENT	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
1	NONCOIN DEMAND	100.000000	15.057814	9.278817	55.598999	6.203362	7.781619	5.831446	0.247944
2	COIN DEMAND	100.000000	18.705803	9.136136	50.900821	7.526385	8.293948	5.081554	0.355353
3	KWH SALES	100.000000	26.313103	6.486235	42.332726	10.316261	10.004628	4.097155	0.449891
4	AVG CONS	100.000000	75.577812	3.197227	2.754237	16.929892	1.328968	0.211864	0.000000
5	WTD CONS	100.000000	67.094127	5.676669	4.890143	15.029495	5.898948	1.410618	0.000000
6	WTD CONS METER READ	100.000000	38.186065	8.077073	11.132736	17.107824	20.144025	5.352277	0.000000
7	WTD CONS CONS ACCTS	100.000000	35.658140	7.542369	9.746013	15.975283	25.080649	5.997546	0.000000
8	BASE REVENUE PRESENT	100.000000	30.870251	7.210257	34.187937	11.006204	10.494206	5.273423	0.957722
9	BASE REVENUE PROPOS	100.000000	29.831153	6.966581	36.002698	11.169214	10.312877	4.877958	0.839519
10	FPPCA DCA REVENUE	100.000000	26.755055	6.597673	41.286688	10.618231	10.186072	4.094077	0.462205
11	PWR COST SUM COIN DM	100.000000	22.512640	7.458032	43.920264	9.349559	10.835452	5.689338	0.234715
12	POWER COST KWH	100.000000	26.313104	6.486236	42.332726	10.316261	10.004628	4.097156	0.449890
13	ACCT 364 POLES & FIX	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
14	ACCT 365 OVHD LINES	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
15	ACCT 367 UG DIST	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
16	ACCT 368 TRANSFRMRS	100.000000	54.677900	6.608800	10.627200	18.663900	6.867600	2.564600	0.000000
17	ACCT 369 OVHD SVCS	100.000000	85.372600	1.667200	1.436200	10.821000	0.606300	0.096700	0.000000
18	ATTN 369 UNDG SVCS	100.000000	30.000000	10.000000	10.000000	25.000000	12.500000	12.500000	0.000000
19	ACCT 370 METERS	100.000000	54.010700	6.547500	9.195900	24.587700	4.437200	1.221000	0.000000
20	ACCT 371 SECURITY LI	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	100.000000
21	OTHER REVENUE PROPO	100.000000	30.868796	7.209241	34.187455	11.005757	10.494036	5.275238	0.959476
22	DIRECT IRRIGATION	100.000000	0.000000	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
23	DIRECT AG SVC	100.000000	0.000000	0.000000	100.000000	0.000000	0.000000	0.000000	0.000000
24	DIRECT SM COMM	100.000000	0.000000	0.000000	0.000000	100.000000	0.000000	0.000000	0.000000
25	DIRECT LG COMM	100.000000	0.000000	0.000000	0.000000	0.000000	100.000000	0.000000	0.000000
26	DIRECT INDUSTRIAL	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	100.000000	0.000000
101	INTANGIBLE PLANT	100.000000	15.057814	9.278817	55.598999	6.203362	7.781619	5.831446	0.247944
102	TRANSMISSION PLANT	100.000000	15.057814	9.278817	55.598999	6.203362	7.781619	5.831446	0.247944
103	TOTAL LND ST EP POLE	100.000000	39.265814	6.846181	34.461093	10.493974	5.200558	3.583613	0.148766
104	TOTAL OHD LINES	100.000000	39.265810	6.846181	34.461097	10.493973	5.200559	3.583614	0.148766
105	TOTAL UNDG COND	100.000000	30.670097	7.709956	41.966688	8.970474	6.117035	4.381768	0.183982
106	TOTAL SERVICES	100.000000	53.553926	6.455464	6.357203	18.968657	7.440759	7.223990	0.000000
107	DISTRIBUTION PLANT	100.000000	41.115954	6.934282	28.168767	12.930993	5.861988	3.728109	1.259906
108	CMIP	100.000000	41.115954	6.934282	28.168767	12.930993	5.861988	3.728109	1.259906
109	SUBTOTAL PLANT	100.000000	40.026037	7.032346	29.316074	12.649601	5.942280	3.816084	1.217579
110	GENERAL PLANT	100.000000	40.026037	7.032346	29.316074	12.649601	5.942280	3.816084	1.217579
111	PLANT	100.000000	40.026037	7.032346	29.316074	12.649601	5.942280	3.816084	1.217579
112	REVENUES	100.000000	29.83204	6.967061	35.999111	11.168891	10.313235	4.878743	0.839756
113	REVENUES	100.000000	29.83204	6.967061	35.999111	11.168891	10.313235	4.878743	0.839756
114	TRANSMISSN EXPENSE	100.000000	15.057814	9.278817	55.598999	6.203362	7.781619	5.831446	0.247944
115	DIST OPR EXP	100.000000	38.089583	6.827230	29.765026	12.224189	5.471224	3.492290	4.130458
116	DIST MAINT EXPENSE	100.000000	39.491938	7.044514	32.161381	12.061928	5.548885	3.514034	0.177320
117	CONS ACCTS EXP	100.000000	36.466232	7.713296	10.189302	16.337318	23.502576	5.791276	0.000000
118	CUST SERVICE EXP	100.000000	35.658140	7.542369	9.746013	15.975283	25.080649	5.997546	0.000000

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
ALLOCATION FACTORS

A.F.	FACTOR	TOTAL PERCENT	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
119	SUBTOTAL EXPENSES	100.000000	37.497633	7.195042	23.342312	13.603555	12.053270	4.351793	1.956394
120	ADMIN GEN EXP	100.000000	37.497633	7.195042	23.342312	13.603555	12.053270	4.351793	1.956394
121	SUBTOTAL EXPENSES	100.000000	37.497633	7.195042	23.342312	13.603555	12.053270	4.351793	1.956394
122	POWER COST	100.000000	24.061326	7.062026	43.273343	9.743489	10.496892	5.040525	0.322399
123	DEPRECIATION	100.000000	39.736568	6.967794	29.548593	12.636304	6.118956	3.797416	1.194368
124	EXPENSES	100.000000	29.066383	7.088059	36.747271	11.029532	10.492684	4.742523	0.833548
125	NET PLANT	100.000000	40.727370	6.969245	28.577812	12.830669	5.890614	3.759474	1.244815
126	RATE BASE	100.000000	40.594465	6.976551	28.542959	12.831401	6.025375	3.774045	1.255205
127	INTEREST	100.000000	41.115954	6.934282	28.168767	12.930993	5.861988	3.728109	1.259906

Case: CEC2912P
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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 1: NONCOIN DEMAND

Class Name	Purchased kWhr	Average kW	Non-Coin. kW	Ld Fact.
RESIDENTIAL	29,373,922	3,353	6,316	53.0904
IRRIGATION	7,240,734	827	3,892	21.2376
AG SERVICE	47,256,994	5,395	23,321	23.1321
SM COMMERCIAL	11,516,279	1,315	2,602	50.5244
LG COMMERCIAL	11,168,396	1,275	3,264	39.0604
INDUSTRIAL	4,573,749	522	2,446	21.3458
LIGHTING	502,223	57	104	55.1263
TOTAL	111,632,297	12,743	41,945	30.3812

Class Name	Excess kW	Alloc Exc kW	Total kW	Percent
RESIDENTIAL	2,963	2,963	6,316	15.057814
IRRIGATION	3,065	3,065	3,892	9.278817
AG SERVICE	17,926	17,926	23,321	55.598999
SM COMMERCIAL	1,287	1,287	2,602	6.203362
LG COMMERCIAL	1,989	1,989	3,264	7.781619
INDUSTRIAL	1,924	1,924	2,446	5.831446
LIGHTING	47	47	104	0.247944
TOTAL	29,202	29,202	41,945	100.000000

System Coincident Peak = 41,945

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Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 2: COIN DEMAND

Class Name	Purchased kWhr	Average kW	Non-Coin. kW	Ld Fact.
RESIDENTIAL	29,373,922	3,353	5,264	63.7004
IRRIGATION	7,240,734	827	2,571	32.1497
AG SERVICE	47,256,994	5,395	14,324	37.6615
SM COMMERCIAL	11,516,279	1,315	2,118	62.0701
LG COMMERCIAL	11,168,396	1,275	2,334	54.6243
INDUSTRIAL	4,573,749	522	1,430	36.5117
LIGHTING	502,223	57	100	57.3314
TOTAL	111,632,297	12,743	28,141	45.2842

Class Name	Excess kW	Alloc Exc kW	Total kW	Percent
RESIDENTIAL	1,911	1,911	5,264	18.705803
IRRIGATION	1,744	1,744	2,571	9.136136
AG SERVICE	8,929	8,929	14,324	50.900821
SM COMMERCIAL	803	803	2,118	7.526385
LG COMMERCIAL	1,059	1,059	2,334	8.293948
INDUSTRIAL	908	908	1,430	5.081554
LIGHTING	43	43	100	0.355353
TOTAL	15,398	15,398	28,141	100.000000

System Coincident Peak = 28,141

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 3: KWH SALES

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 100.000000
Fuel: 0.000000
Revenue: 0.000000

Class Name	Number	Percent
RESIDENTIAL	26,580,300.00	26.313103
IRRIGATION	6,552,100.00	6.486235
AG SERVICE	42,762,594.00	42.332726
SM COMMERCIAL	10,421,018.00	10.316261
LG COMMERCIAL	10,106,220.00	10.004628
INDUSTRIAL	4,138,760.00	4.097155
LIGHTING	454,459.00	0.449891
TOTAL	101,015,451.00	100.000000

Case: CEC2912P

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 4: AVG CONS

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Number	Weight	Product	Percent
RESIDENTIAL	3,924.00	1.000000	3,924.00	75.577812
IRRIGATION	166.00	1.000000	166.00	3.197227
AG SERVICE	143.00	1.000000	143.00	2.754237
SM COMMERCIAL	879.00	1.000000	879.00	16.929892
LG COMMERCIAL	69.00	1.000000	69.00	1.328968
INDUSTRIAL	11.00	1.000000	11.00	0.211864
LIGHTING	571.00	0.000000	0.00	0.000000
TOTAL	5,763.00	0.900920	5,192.00	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 5: WTD CONS

Comp: Demand: 0.000000
Customer: 100.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 0.000000

Class Name	Number	Weight	Product	Percent
RESIDENTIAL	3,924.00	1.000000	3,924.00	67.094127
IRRIGATION	166.00	2.000000	332.00	5.676669
AG SERVICE	143.00	2.000000	286.00	4.890143
SM COMMERCIAL	879.00	1.000000	879.00	15.029495
LG COMMERCIAL	69.00	5.000000	345.00	5.898948
INDUSTRIAL	11.00	7.500000	82.50	1.410618
LIGHTING	571.00	0.000000	0.00	0.000000
TOTAL	5,763.00	1.014836	5,848.50	100.000000

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 6: WTD CONS METER READ

Comp: Demand: 0.000000
Customer: 100.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 0.000000

Class Name	Number	Weight	Product	Percent
RESIDENTIAL	3,924.00	1.000000	3,924.00	38.186065
IRRIGATION	166.00	5.000000	830.00	8.077073
AG SERVICE	143.00	8.000000	1,144.00	11.132736
SM COMMERCIAL	879.00	2.000000	1,758.00	17.107824
LG COMMERCIAL	69.00	30.000000	2,070.00	20.144025
INDUSTRIAL	11.00	50.000000	550.00	5.352277
LIGHTING	571.00	0.000000	0.00	0.000000
TOTAL	5,763.00	1.783099	10,276.00	100.000000

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 7: WTD CONS CONS ACCTS

Comp: Demand: 0.000000
Customer: 100.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 0.000000

Class Name	Number	Weight	Product	Percent
RESIDENTIAL	3,924.00	1.000000	3,924.00	35.658140
IRRIGATION	166.00	5.000000	830.00	7.542369
AG SERVICE	143.00	7.500000	1,072.50	9.746013
SM COMMERCIAL	879.00	2.000000	1,758.00	15.975283
LG COMMERCIAL	69.00	40.000000	2,760.00	25.080649
INDUSTRIAL	11.00	60.000000	660.00	5.997546
LIGHTING	571.00	0.000000	0.00	0.000000
TOTAL	5,763.00	1.909509	11,004.50	100.000000

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 8: BASE REVENUE PRESENT

Comp:	Demand:	0.000000
	Customer:	0.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	100.000000

Class Name	Number	Percent
RESIDENTIAL	2,877,634.00	30.870251
IRRIGATION	672,119.00	7.210257
AG SERVICE	3,186,899.00	34.187937
SM COMMERCIAL	1,025,966.00	11.006204
LG COMMERCIAL	978,239.00	10.494206
INDUSTRIAL	491,573.00	5.273423
LIGHTING	89,276.00	0.957722
TOTAL	9,321,706.00	100.000000

Case: CEC2912P

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 9: BASE REVENUE PROPOS

Comp:	Demand:	0.000000
	Customer:	0.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	100.000000

Class Name	Number	Percent
RESIDENTIAL	4,003,537.00	29.831153
IRRIGATION	934,961.00	6.966581
AG SERVICE	4,831,799.00	36.002698
SM COMMERCIAL	1,498,982.00	11.169214
LG COMMERCIAL	1,384,056.00	10.312877
INDUSTRIAL	654,654.00	4.877958
LIGHTING	112,669.00	0.839519
TOTAL	13,420,658.00	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 10: FPPCA DCA REVENUE

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 100.000000

Class Name	Number	Percent
RESIDENTIAL	1,065,908.00	26.755055
IRRIGATION	262,848.00	6.597673
AG SERVICE	1,644,841.00	41.286688
SM COMMERCIAL	423,025.00	10.618231
LG COMMERCIAL	405,808.00	10.186072
INDUSTRIAL	163,106.00	4.094077
LIGHTING	18,414.00	0.462205
TOTAL	3,983,950.00	100.000000

Case: CEC2912P

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 11: PWR COST SUM COIN DM

Comp:	Demand:	100.000000
	Customer:	0.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Number	Percent
RESIDENTIAL	47,286.00	22.512640
IRRIGATION	15,665.00	7.458032
AG SERVICE	92,251.00	43.920264
SM COMMERCIAL	19,638.00	9.349559
LG COMMERCIAL	22,759.00	10.835452
INDUSTRIAL	11,950.00	5.689338
LIGHTING	493.00	0.234715
TOTAL	210,042.00	100.000000

Case: CEC2912P
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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 12: POWER COST KWH

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 100.000000
Fuel: 0.000000
Revenue: 0.000000

Class Name	Number	Percent
RESIDENTIAL	29,373,922.00	26.313104
IRRIGATION	7,240,734.00	6.486236
AG SERVICE	47,256,994.00	42.332726
SM COMMERCIAL	11,516,279.00	10.316261
LG COMMERCIAL	11,168,396.00	10.004628
INDUSTRIAL	4,573,749.00	4.097156
LIGHTING	502,223.00	0.449890
TOTAL	111,632,297.00	100.000000

Case: CEC2912P
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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 13: ACCT 364 POLES & FIX

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	0.000000
IRRIGATION	0.000000
AG SERVICE	0.000000
SM COMMERCIAL	0.000000
LG COMMERCIAL	0.000000
INDUSTRIAL	0.000000
LIGHTING	0.000000
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TOTAL	0.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 14: ACCT 365 OVHD LINES

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	0.000000
IRRIGATION	0.000000
AG SERVICE	0.000000
SM COMMERCIAL	0.000000
LG COMMERCIAL	0.000000
INDUSTRIAL	0.000000
LIGHTING	0.000000
-----	-----
TOTAL	0.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 15: ACCT 367 UG DIST

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	0.000000
IRRIGATION	0.000000
AG SERVICE	0.000000
SM COMMERCIAL	0.000000
LG COMMERCIAL	0.000000
INDUSTRIAL	0.000000
LIGHTING	0.000000
-----	-----
TOTAL	0.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 16: ACCT 368 TRANSFRMRS

Comp:	Demand:	30.000000
	Customer:	70.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	54.677900
IRRIGATION	6.608800
AG SERVICE	10.627200
SM COMMERCIAL	18.663900
LG COMMERCIAL	6.867600
INDUSTRIAL	2.554600
LIGHTING	0.000000
-----	-----
TOTAL	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 17: ACCT 369 OVHD SVCS

Comp:	Demand:	30.000000
	Customer:	70.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
RESIDENTIAL	85.372600
IRRIGATION	1.667200
AG SERVICE	1.436200
SM COMMERCIAL	10.821000
LG COMMERCIAL	0.606300
INDUSTRIAL	0.096700
LIGHTING	0.000000
TOTAL	100.000000

Case: CEC2912P

Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 18: ATTT 369 UNDG SVCS

Comp:	Demand:	60.000000
	Customer:	40.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	30.000000
IRRIGATION	10.000000
AG SERVICE	10.000000
SM COMMERCIAL	25.000000
LG COMMERCIAL	12.500000
INDUSTRIAL	12.500000
LIGHTING	0.000000
-----	-----
TOTAL	100.000000

Case: CEC2912P

Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 19: ACCT 370 METERS

Comp:	Demand:	30.000000
	Customer:	70.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
RESIDENTIAL	54.010700
IRRIGATION	6.547500
AG SERVICE	9.195900
SM COMMERCIAL	24.587700
LG COMMERCIAL	4.437200
INDUSTRIAL	1.221000
LIGHTING	0.000000
TOTAL	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 20: ACCT 371 SECURITY LI

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
RESIDENTIAL	0.000000
IRRIGATION	0.000000
AG SERVICE	0.000000
SM COMMERCIAL	0.000000
LG COMMERCIAL	0.000000
INDUSTRIAL	0.000000
LIGHTING	100.000000
TOTAL	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 21: OTHER REVENUE PROPO

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 100.000000

Class Name	Number	Percent
RESIDENTIAL	8,204.00	30.868796
IRRIGATION	1,916.00	7.209241
AG SERVICE	9,086.00	34.187455
SM COMMERCIAL	2,925.00	11.005757
LG COMMERCIAL	2,789.00	10.494036
INDUSTRIAL	1,402.00	5.275238
LIGHTING	255.00	0.959476
TOTAL	26,577.00	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 22: DIRECT IRRIGATION

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	0.000000
IRRIGATION	100.000000
AG SERVICE	0.000000
SM COMMERCIAL	0.000000
LG COMMERCIAL	0.000000
INDUSTRIAL	0.000000
LIGHTING	0.000000
-----	-----
TOTAL	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 23: DIRECT AG SVC

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	0.000000
IRRIGATION	0.000000
AG SERVICE	100.000000
SM COMMERCIAL	0.000000
LG COMMERCIAL	0.000000
INDUSTRIAL	0.000000
LIGHTING	0.000000
-----	-----
TOTAL	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 24: DIRECT SM COMM

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	0.000000
IRRIGATION	0.000000
AG SERVICE	0.000000
SM COMMERCIAL	100.000000
LG COMMERCIAL	0.000000
INDUSTRIAL	0.000000
LIGHTING	0.000000
-----	-----
TOTAL	100.000000

Case: CEC2912P

Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 25: DIRECT LG COMM

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	0.000000
IRRIGATION	0.000000
AG SERVICE	0.000000
SM COMMERCIAL	0.000000
LG COMMERCIAL	100.000000
INDUSTRIAL	0.000000
LIGHTING	0.000000
-----	-----
TOTAL	100.000000

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 26: DIRECT INDUSTRIAL

Comp:	Demand:	0.000000
	Customer:	100.000000
	Energy:	0.000000
	Fuel:	0.000000
	Revenue:	0.000000

Class Name	Percent
-----	-----
RESIDENTIAL	0.000000
IRRIGATION	0.000000
AG SERVICE	0.000000
SM COMMERCIAL	0.000000
LG COMMERCIAL	0.000000
INDUSTRIAL	100.000000
LIGHTING	0.000000
-----	-----
TOTAL	100.000000

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - PLANT

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
INTANGIBLE PLANT									
INTANGIBLE PLANT	411	1	62	38	229	25	32	24	1
Total									
INTANGIBLE PLANT	411	101*	62	38	229	25	32	24	1
			15.058%	9.279%	55.599%	6.203%	7.782%	5.831%	0.248%
TRANSMISSION PLANT									
TRANSMISSION PLANT	1,466,239	1	220,784	136,050	815,214	90,956	114,097	85,503	3,635
Total									
TRANSMISSION PLANT	1,466,239	102*	220,784	136,050	815,214	90,956	114,097	85,503	3,635
			15.058%	9.279%	55.599%	6.203%	7.782%	5.831%	0.248%
DISTRIBUTION PLANT									
360 LAND	38,316	1	5,770	3,555	21,303	2,377	2,982	2,234	95
362 STATION EQPT	3,130,649	1	471,407	290,487	1,740,609	194,205	243,615	182,562	7,762
364 POLES TOWERS	4,376,657	4	3,307,782	139,932	120,544	740,963	58,164	9,273	0
364 POLES & TOWERS	6,564,985	1	988,543	609,153	3,650,066	407,250	510,862	382,834	16,277
Subtotal									
TOTAL LND ST EP PO	10,941,642	103*	4,296,325	749,085	3,770,609	1,148,213	569,026	392,106	16,277
			39.266%	6.846%	34.461%	10.494%	5.201%	3.584%	0.149%
365 OVHD LINES	2,713,436	4	2,050,756	86,755	74,734	459,382	36,061	5,749	0
365 OVHD LINES	4,070,155	1	612,876	377,662	2,262,965	252,486	316,724	237,349	10,092
Subtotal									
TOTAL OHD LINES	6,783,591	104*	2,663,632	464,417	2,337,700	711,868	352,785	243,098	10,092
			39.266%	6.846%	34.461%	10.494%	5.201%	3.584%	0.149%
367 UNDERND COND	245,085	4	185,230	7,836	6,750	41,493	3,257	519	0
367 UNDERND COND	704,971	1	106,153	65,413	391,957	43,732	54,858	41,110	1,748
Subtotal									
TOTAL UNDG COND	950,056	105*	291,383	73,249	398,707	85,225	58,115	41,629	1,748
			30.670%	7.710%	41.967%	8.970%	6.117%	4.382%	0.184%
368 LINE TRANSFRMS	6,293,850	16	3,441,345	415,948	668,860	1,174,678	432,236	160,783	0
369 OVHD SVCS	1,069,133	17	912,747	17,825	15,355	115,691	6,482	1,034	0
369 UNDERND SVCS	1,444,277	18	433,283	144,428	144,428	361,069	180,535	180,535	0
Subtotal									
TOTAL SERVICES	2,513,410	106*	1,346,030	162,252	159,783	476,760	187,017	181,568	0
			53.554%	6.455%	6.357%	18.969%	7.441%	7.224%	0.000%
370 METERS	1,880,329	19	1,015,579	123,115	172,913	462,330	83,434	22,959	0

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - PLANT

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
371 INST ON CONS PR	378,667	20	0	0	0	0	0	0	378,667
Total									
DISTRIBUTION PLANT	32,910,510	107*	13,531,470	2,282,108	9,270,485	4,255,656	1,929,210	1,226,940	414,641
			41.116%	6.934%	28.169%	12.931%	5.862%	3.728%	1.260%
CWIP									

CWIP	688,050	107	282,898	47,711	193,815	88,972	40,333	25,651	8,669
Total									
CWIP	688,050	108*	282,898	47,711	193,815	88,972	40,333	25,651	8,669
			41.116%	6.934%	28.169%	12.931%	5.862%	3.728%	1.260%
SUBTOTAL									
PLANT	35,065,210	109*	14,035,214	2,465,907	10,279,743	4,435,609	2,083,673	1,338,118	426,947
			40.026%	7.032%	29.316%	12.650%	5.942%	3.816%	1.218%
GENERAL PLANT									

389 LAND	21,947	109	8,785	1,543	6,434	2,776	1,304	838	267
390 STRTB & IMPR	1,078,442	109	431,658	75,840	316,157	136,419	64,084	41,154	13,131
391 FURN & EPQT	409,340	109	163,843	28,786	120,002	51,780	24,324	15,621	4,984
392 TRANSP EQPT	1,543,809	109	617,926	108,566	452,584	195,286	91,737	58,913	18,797
393 STORES EQPT	14,831	109	5,936	1,043	4,348	1,876	881	566	181
394 SHOP & GARAGE	99,661	109	39,890	7,009	29,217	12,607	5,922	3,803	1,213
395 LAB EQPT	183,948	109	73,627	12,936	53,926	23,269	10,931	7,020	2,240
396 PWR OPR EQPT	40,167	109	16,077	2,825	11,775	5,081	2,387	1,533	489
397 COMMUNICATIONS	115,457	109	46,213	8,119	33,847	14,605	6,861	4,406	1,406
Total									
GENERAL PLANT	3,507,602	110*	1,403,954	246,667	1,028,291	443,698	208,432	133,853	42,708
			40.026%	7.032%	29.316%	12.650%	5.942%	3.816%	1.218%
TOTAL									
PLANT	38,572,812	111*	15,439,168	2,712,574	11,308,034	4,879,307	2,292,104	1,471,971	469,654
			40.026%	7.032%	29.316%	12.650%	5.942%	3.816%	1.218%

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 364 POLES, TOWERS, FIXTURES

Allocated on Factor 4 - Average Consumers

Allocated on Factor 1 - Peak Non-Coincident Demand

40% \$ 4,376,657
60% \$ 6,564,985
Total \$ 10,941,642

	RATE	Number Consumers	% Of Total	Allocation	Non-Coin Demand	% Of Total	Allocation	Total Investment
RESIDENTIAL	1	3,831	73.7866%	\$ 3,229,386	6,162	14.6907%	\$ 964,440	\$ 4,193,826
RESIDENTIAL TOU	11,21	93	1.7912%	78,395	154	0.3671%	24,103	102,499
TOTAL RESIDENTIAL		3,924	75.5778%	\$ 3,307,782	6,316	15.0578%	\$ 988,543	\$ 4,296,325
IRRIGATION	4	131	2.5231%	\$ 110,428	3,581	8.5374%	\$ 560,477	\$ 670,905
IRRIGATION TOU	14,24	35	0.6741%	29,504	311	0.7414%	48,676	78,180
TOTAL IRRIGATION		166	3.1972%	\$ 139,932	3,892	9.2788%	\$ 609,153	\$ 749,085
AG SERVICE	3	143	2.7542%	\$ 120,544	23,321	55.5990%	\$ 3,650,066	\$ 3,770,609
SMALL COMMERCIAL	5	864	16.6410%	\$ 728,319	2,507	5.9769%	\$ 392,381	\$ 1,120,700
SMALL COMMERCIAL TOU	15,25	15	0.2889%	12,644	95	0.2265%	14,869	27,513
TOTAL SMALL COMMERCIAL		879	16.9299%	\$ 740,963	2,602	6.2034%	\$ 407,250	\$ 1,148,213
LARGE COMMERCIAL	6	69	1.3290%	\$ 58,164	3,264	7.7816%	\$ 510,862	\$ 569,026
INDUSTRIAL	8	11	0.2119%	\$ 9,273	2,446	5.8314%	\$ 382,834	\$ 392,106
LIGHTING SERVICE					104	0.2479%	\$ 16,277	\$ 16,277
TOTALS		5,192	100.0000%	\$ 4,376,657	41,945	100.0000%	\$ 6,564,985	\$ 10,941,642

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 365 OVERHEAD LINES

Allocated on Factor 4 - Average Consumers

Allocated on Factor 1 - Peak Non-Coincident Demand

40% \$ 2,713,436
60% 4,070,155
Total \$ 6,783,591

	RATE	Number Consumers	% Of Total	Allocation	Non-Coin Demand	% Of Total	Allocation	Total Investment
RESIDENTIAL	1	3,831	73.7866%	\$ 2,002,152	6,162	14.6907%	\$ 597,933	\$ 2,600,085
RESIDENTIAL TOU	11,21	93	1.7912%	48,604	154	0.3671%	14,943	63,547
TOTAL RESIDENTIAL		3,924	75.5778%	\$ 2,050,756	6,316	15.0578%	\$ 612,876	\$ 2,663,632
IRRIGATION	4	131	2.5231%	\$ 68,463	3,581	8.5374%	\$ 347,484	\$ 415,947
IRRIGATION TOU	14,24	35	0.6741%	18,292	311	0.7414%	30,178	48,470
TOTAL IRRIGATION		166	3.1972%	\$ 86,755	3,892	9.2788%	\$ 377,662	\$ 464,417
AG SERVICE	3	143	2.7542%	\$ 74,734	23,321	55.5990%	\$ 2,262,965	\$ 2,337,700
SMALL COMMERCIAL	5	864	16.6410%	\$ 451,543	2,507	5.9769%	\$ 243,268	\$ 694,811
SMALL COMMERCIAL TOU	15,25	15	0.2889%	7,839	95	0.2265%	9,218	17,058
TOTAL SMALL COMMERCIAL		879	16.9299%	\$ 459,382	2,602	6.2034%	\$ 252,486	\$ 711,868
LARGE COMMERCIAL	6	69	1.3290%	\$ 36,061	3,264	7.7816%	\$ 316,724	\$ 352,785
INDUSTRIAL	8	11	0.2119%	\$ 5,749	2,446	5.8314%	\$ 237,349	\$ 243,098
LIGHTING SERVICE					104	0.2479%	\$ 10,092	\$ 10,092
TOTALS		5,192	100.0000%	\$ 2,713,436	41,945	100.0000%	\$ 4,070,155	\$ 6,783,591

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 368 LINE TRANSFORMERS

Total Investment										\$ 6,293,850
	RATE	No. Consumers	kva Per Customer	Installed Kva	Cost Per Kva \$	Cost Ratio	Weighted Kva	% Of Total	Total Investment	
RESIDENTIAL	1	3,831	15	57,465	35	1.40	80,451	53.3820%	3,359,785	
RESIDENTIAL TOU	11,21	93	15	1,395	35	1.40	1,953	1.2959%	81,561	
TOTAL RESIDENTIAL		3,924		58,860			82,404	54.6779%	3,441,346	
IRRIGATION	4	131	50	6,550	30	1.20	7,860	5.2154%	328,248	
IRRIGATION TOU	14,24	35	50	1,750	30	1.20	2,100	1.3934%	87,700	
TOTAL IRRIGATION		166		8,300			9,960	6.6088%	415,948	
AG SERVICE	3	143	100	14,300	28	1.12	16,016	10.6272%	668,858	
SMALL COMMERCIAL	5	864	25	21,600	32	1.28	27,648	18.3454%	1,154,633	
SMALL COMMERCIAL TOU	15,25	15	25	375	32	1.28	480	0.3185%	20,046	
TOTAL SMALL COMMERCIAL		879		21,975			28,128	18.6639%	1,174,678	
LARGE COMMERCIAL	6	69	150	10,350	25	1.00	10,350	6.8676%	432,235	
INDUSTRIAL	8	11	350	3,850	25	1.00	3,850	2.5546%	160,783	
LIGHTING SERVICE		571					-	0.0000%	-	
TOTALS		5,763		117,635			150,708	100.0000%	\$ 6,293,850	

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 367 - UNDERGROUND CONDUCTORS & DEVICES

Allocated on Factor 4 - Average Consumers

Allocated on Factor 1 - Peak Non-Coincident Demand

	RATE	No. Consumers	Wtg	% Of Total	Allocation	Peak NCD	% Of Total	Allocation	Total Investment
RESIDENTIAL	1	3,831	1	73.7866%	\$ 180,840	6,162	14.6907%	\$ 103,565	\$ 245,085
RESIDENTIAL TOU	11,21	93	1	1.7912%	4,390	154	0.3671%	2,588	704,971
TOTAL RESIDENTIAL		3,924		75.5778%	\$ 185,230	6,316	15.0578%	\$ 106,153	\$ 950,056
IRRIGATION	4	131	1	2.5231%	\$ 6,184	3,581	8.5374%	\$ 60,186	\$ 66,370
IRRIGATION TOU	14,24	35	1	0.6741%	1,652	311	0.7414%	5,227	6,879
TOTAL IRRIGATION		166		3.1972%	\$ 7,836	3,892	9.2788%	\$ 65,413	\$ 73,249
AG SERVICE	3	143	1	2.7542%	\$ 6,750	23,321	55.5990%	\$ 391,957	\$ 398,707
SMALL COMMERCIAL	5	864	1	16.6410%	\$ 40,785	2,507	5.9769%	\$ 42,135	\$ 82,920
SMALL COMMERCIAL TOU	15,25	15	1	0.2889%	708	95	0.2265%	1,597	2,305
TOTAL SMALL COMMERCIAL		879		16.9299%	\$ 41,493	2,602	6.2034%	\$ 43,732	\$ 85,225
LARGE COMMERCIAL	6	69	1	1.3290%	\$ 3,257	3,264	7.7816%	\$ 54,858	\$ 58,115
INDUSTRIAL	8	11	1	0.2119%	\$ 519	2,446	5.8314%	\$ 41,110	\$ 41,629
LIGHTING SERVICE					\$ -	104	0.2479%	\$ 1,748	\$ 1,748
TOTALS		5,192		100.0000%	\$ 245,085	41,945	100.0000%	\$ 704,971	\$ 950,056

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 369 - SERVICES

	RATE	No. Consumers	Cost Per Consumer	Cost Ratio	Weighted Consumers	% Of Total	Investment	% Of Total	Investment
Overhead Services									\$ 1,069,133
Underground Services									\$ 1,444,277
RESIDENTIAL	1	3,831	\$ 2,476	2.48	9,486	83.3493%	\$ 891,115		
RESIDENTIAL TOU	11,21	93	\$ 2,476	2.48	230	2.0234%	21,632		
TOTAL RESIDENTIAL		3,924			9,716	85.3726%	\$ 912,747	30.0000%	\$ 433,283
IRRIGATION	4	131	\$ 1,143	1.14	150	1.3157%	\$ 14,067		
IRRIGATION TOU	14,24	35	\$ 1,143	1.14	40	0.3515%	3,758		
TOTAL IRRIGATION		166			190	1.6672%	\$ 17,825	10.0000%	\$ 144,428
AG SERVICE	3	143	\$ 1,143	1.14	163	1.4362%	\$ 15,355	10.0000%	\$ 144,428
SMALL COMMERCIAL	5	864	\$ 1,401	1.40	1,210	10.6363%	\$ 113,716		
SMALL COMMERCIAL TOU	15,25	15	\$ 1,401	1.40	21	0.1847%	1,974		
TOTAL SMALL COMMERCIAL		879			1,231	10.8210%	\$ 115,691	25.0000%	\$ 361,069
LARGE COMMERCIAL	6	69	\$ 1,000	1.00	69	0.6063%	\$ 6,482	12.5000%	\$ 180,535
INDUSTRIAL	8	11	\$ 1,000	1.00	11	0.0967%	\$ 1,033	12.5000%	\$ 180,535
LIGHTING SERVICE		571				0.0000%	\$ -		
TOTALS		5,763			11,380	100.0000%	\$ 1,069,133	100.0000%	\$ 1,444,277

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 370 - METERS

	RATE	No. Consumers	Cost Per Consumer	Cost Ratio	Weighted Consumers	% Of Total	Allocation
TOTAL INVESTMENT							\$ 1,880,329
RESIDENTIAL	1	3,831	\$ 186	1.00	3,831	52.7306%	\$ 991,509
RESIDENTIAL TOU	11,21	93	\$ 186	1.00	93	1.2801%	24,070
TOTAL RESIDENTIAL		3,924			3,924	54.0107%	\$ 1,015,579
IRRIGATION	4	131	\$ 533	2.87	375	5.1670%	\$ 97,156
IRRIGATION TOU	14,24	35	\$ 533	2.87	100	1.3805%	25,958
TOTAL IRRIGATION		166			476	6.5475%	\$ 123,114
AG SERVICE	3	143	\$ 869	4.67	668	9.1959%	\$ 172,913
SMALL COMMERCIAL	5	864	\$ 378	2.03	1,756	24.1682%	\$ 454,441
SMALL COMMERCIAL TOU	15,25	15	\$ 378	2.03	30	0.4196%	7,890
TOTAL SMALL COMMERCIAL		879			1,786	24.5877%	\$ 462,330
LARGE COMMERCIAL	6	69	\$ 869	4.67	322	4.4372%	\$ 83,434
INDUSTRIAL	8	11	\$ 1,500	8.06	89	1.2210%	\$ 22,959
LIGHTING SERVICE		571				0.0000%	\$ -
TOTALS		5,763			7,265	100.0000%	\$ 1,880,329

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COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - REVENUES

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
REVENUES									
ENERGY REVENUE	13,420,656	9	4,003,536	934,961	4,831,798	1,498,982	1,384,056	654,654	112,669
FPPCA & DCA REVENUE	0	10	0	0	0	0	0	0	0
OTHER REVENUE	26,577	21	8,204	1,916	9,086	2,925	2,789	1,402	255
Total									
REVENUES	13,447,233	112*	4,011,740	936,877	4,840,884	1,501,907	1,386,845	656,056	112,924
			29.833%	6.967%	35.999%	11.169%	10.313%	4.879%	0.840%
TOTAL									
REVENUES	13,447,233	113*	4,011,740	936,877	4,840,884	1,501,907	1,386,845	656,056	112,924
			29.833%	6.967%	35.999%	11.169%	10.313%	4.879%	0.840%

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 NEW MEXICO

RESIDENTIAL

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	41,310		\$ 12.35	\$ 510,179
Customer Charge - TOU	820		\$ 15.60	12,792
Energy Charge - Regular		23,460,048	\$ 0.0864	2,026,948
Energy Charge - TOU - On Peak		415,461	\$ 0.0975	40,507
Energy Charge - TOU - Off Peak		271,426	\$ 0.0600	16,286
FPPCA Revenue		24,146,935	\$ 0.038407	927,417
DCA Revenue		24,146,935	\$ 0.001557	37,585
Total Revenue				<u>\$ 3,571,714</u>

IRRIGATION

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	1,469		\$ 32.50	\$ 47,743
Customer Charge - TOU	359		\$ 45.50	16,335
Energy Charge - Regular		5,513,655	\$ 0.09200	507,256
Energy Charge - TOU - On Peak		337,128	\$ 0.1030	34,724
Energy Charge - TOU - Off Peak		373,187	\$ 0.0600	22,391
Revenue from Minimum Bills				8,541
FPPCA Revenue		6,223,970	\$ 0.038534	239,834
DCA Revenue		6,223,970	\$ 0.001944	12,102
Total Revenue				<u>\$ 888,926</u>

AG SERVICE

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge	1,613		\$ 65.00	\$ 104,845
Energy Charge		39,375,674	\$ 0.06950	2,736,609
Revenue from Minimums		1,435,827	\$ 0.06950	99,790
FPPCA Revenue		40,811,501	\$ 0.03565	1,455,096
DCA Revenue		40,811,501	\$ 0.00174	71,081
Total Revenue				<u>\$ 4,467,421</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 NEW MEXICO

COMMERCIAL Under 50 KVA

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	9,958		\$ 16.25	\$ 161,818
Customer Charge - TOU	180		\$ 19.50	3,510
Energy Charge - Regular		9,653,854	\$ 0.08220	793,547
Energy Charge - TOU-On Peak		192,461	\$ 0.0922	17,745
Energy Charge - TOU-Off Peak		196,413	\$ 0.0590	11,588
FPPCA Revenue		10,042,728	\$ 0.03822	383,790
DCA Revenue		10,042,728	\$ 0.00238	23,862
Total Revenue				<u>\$ 1,395,860</u>

COMMERCIAL 50 - 350 KVA

	<u>Bills</u>	<u>KW Demand</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	822			\$ 45.50	\$ 37,401
Demand Charge		33,767		\$ 12.00	405,204
Energy Charge			10,106,220	\$ 0.05200	525,523
Revenue from Minimum Bills					10,111
FPPCA Revenue			10,106,220	\$ 0.03786	382,647
DCA Revenue			10,106,220	\$ 0.00229	23,161
Total Revenue					<u>\$ 1,384,047</u>

COMMERCIAL Over 350 KVA

	<u>Bills</u>	<u>KW Demand</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge	136			\$ 45.50	\$ 6,188
Demand Charge		20,095		\$ 12.50	251,188
Energy Charge			4,138,760	\$ 0.04410	182,519
Minimums					51,678
FPPCA Revenue			4,138,760	\$ 0.037264	154,225
DCA Revenue			4,138,760	\$ 0.002146	8,881
Total Revenue					<u>\$ 654,679</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 NEW MEXICO

	Bills	Kwh	Rate	Revenue
175 Watt Mercury Vapor	3,398	271,840	\$ 11.75	\$ 39,927
400 Watt High Pressure Sodium	3,022	126,924	\$ 13.50	\$ 40,797
100 Watt High Pressure Sodium	272	48,960	\$ 23.50	\$ 6,392
FPPCA Revenue		447,724	\$ 0.03856	17,266
DCA Revenue		447,724	\$ 0.00194	870
Total Revenue				<u>\$ 105,252</u>
Totals		<u>95,917,838</u>		<u>\$ 12,467,898</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 ARIZONA

RESIDENTIAL

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	4,666		\$ 12.35	\$ 57,625
Customer Charge - TOU	286		\$ 15.60	4,462
Energy Charge - Regular		2,219,074	\$ 0.0864	191,728
Energy Charge - TOU - On Peak		113,348	\$ 0.0975	11,051
Energy Charge - TOU - Off Peak		100,943	\$ 0.0600	6,057
FPPCA Revenue		2,433,365	\$ 0.041468	100,906
Total Revenue				<u>\$ 371,829</u>

IRRIGATION

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	109		\$ 32.50	\$ 3,543
Customer Charge - TOU	54		\$ 45.50	2,457
Energy Charge - Regular		209,607	\$ 0.09200	19,284
Energy Charge - TOU - On Peak		50,943	\$ 0.1030	5,247
Energy Charge - TOU - Off Peak		67,580	\$ 0.0600	4,055
Revenue from Minimum Bills				544
FPPCA Revenue		328,130	\$ 0.033255	10,912
Total Revenue				<u>\$ 46,041</u>

AG SERVICE

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge	107		\$ 65.00	\$ 6,955
Energy Charge		3,386,920	\$ 0.06950	235,391
Revenue from Minimums		47,612	\$ 0.06950	3,309
FPPCA Revenue		3,434,532	\$ 0.03424	118,664
Total Revenue				<u>\$ 364,319</u>

COMMERCIAL Under 50 KVA

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	410		\$ 16.25	\$ 6,663
Customer Charge - TOU			\$ 19.50	-
Energy Charge - Regular		378,290	\$ 0.08220	31,095
Energy Charge - TOU-On Peak			\$ 0.0922	-
Energy Charge - TOU-Off Peak			\$ 0.0590	-
FPPCA Revenue		378,290	\$ 0.04064	15,373
Total Revenue				<u>\$ 53,131</u>

	<u>Bills</u>	<u>Kwh</u>	<u>Rate</u>	<u>Revenue</u>
100 Watt High Pressure Sodium	160	6,720	\$ 13.50	\$ 2,160
FPPCA Revenue		6,720	\$ 0.04137	278
Total Revenue				<u>\$ 2,438</u>
Totals		<u>6,581,037</u>		<u>\$ 837,758</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
TOTAL SYSTEM

RESIDENTIAL

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	45,976		\$ 12.35	\$ 567,804
Customer Charge - TOU	1,106		\$ 15.60	17,254
Energy Charge - Regular		25,679,122	\$ 0.0864	2,218,676
Energy Charge - TOU - On Peak		528,809	\$ 0.0975	51,559
Energy Charge - TOU - Off Peak		372,369	\$ 0.0600	22,342
FPPCA Revenue		26,580,300	\$ 0.038687	1,028,323
DCA Revenue		24,146,935	\$ 0.001557	37,585
Total Revenue		26,580,300		<u>\$ 3,943,542</u>

IRRIGATION

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	1,578		\$ 32.50	\$ 51,285
Customer Charge - TOU	413		\$ 45.50	18,792
Energy Charge - Regular		5,723,262	\$ 0.09200	526,540
Energy Charge - TOU - On Peak		388,071	\$ 0.1030	39,971
Energy Charge - TOU - Off Peak		440,767	\$ 0.0600	26,446
Revenue from Minimum Bills				9,085
FPPCA Revenue		6,552,100	\$ 0.038270	250,746
DCA Revenue		6,223,970	\$ 0.001944	12,102
Total Revenue				<u>\$ 934,967</u>

AG SERVICE

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge	1,720		\$ 65.00	\$ 111,800
Energy Charge		42,762,594	\$ 0.06950	2,972,000
Revenue from Minimums		1,483,439	\$ 0.0695	103,099
FPPCA Revenue		44,246,033	\$ 0.03557	1,573,760
DCA Revenue		39,375,674	\$ 0.00181	71,081
Total Revenue				<u>\$ 4,831,740</u>

COMMERCIAL Under 50 KVA

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	10,368		\$ 16.25	\$ 168,480
Customer Charge - TOU	180		\$ 19.50	3,510
Energy Charge - Regular		10,032,144	\$ 0.08220	824,642
Energy Charge - TOU-On Peak		192,461	\$ 0.0922	17,745
Energy Charge - TOU-Off Peak		196,413	\$ 0.0590	11,588
FPPCA Revenue		10,421,018	\$ 0.03830	399,163
DCA Revenue		10,042,728	\$ 0.00238	23,862
Total Revenue				<u>\$ 1,448,991</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 TOTAL SYSTEM

COMMERCIAL 50 - 350 KVA

	<u>Bills</u>	<u>KW Demand</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	822			\$ 45.50	\$ 37,401
Demand Charge		33,767		\$ 12.00	405,204
Energy Charge			10,106,220	\$ 0.05200	525,523
Revenue from Minimum Bills					10,111
FPPCA Revenue			10,106,220	\$ 0.03786	382,647
DCA Revenue			10,106,220	\$ 0.00229	23,161
Total Revenue					<u>\$ 1,384,047</u>

COMMERCIAL Over 350 KVA

	<u>Bills</u>	<u>KW Demand</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge	136			\$ 45.50	\$ 6,188
Demand Charge		20,095		\$ 12.50	251,188
Energy Charge			4,138,760	\$ 0.04410	182,519
Minimums					51,678
FPPCA Revenue			4,138,760	\$ 0.03726	154,225
DCA Revenue			4,138,760	\$ 0.00215	8,881
Total Revenue					<u>\$ 654,679</u>

LIGHTING

	<u>Bills</u>	<u>Kwh</u>	<u>Rate</u>	<u>Revenue</u>
175 Watt Mercury Vapor	3,398	271,840	\$ 11.75	\$ 39,927
100 Watt High Pressure Sodium	3,182	133,644	\$ 13.50	\$ 42,957
400 Watt High Pressure Sodium	272	48,960	\$ 23.50	\$ 6,392
FPPCA Revenue		454,444	\$ 0.03861	17,544
DCA Revenue		447,724	\$ 0.00194	870
Total Revenue				<u>\$ 107,690</u>

Totals		<u>102,498,875</u>		<u>\$ 13,305,656</u>
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COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
 TOTAL SYSTEM

RESIDENTIAL	Rates 1, 11, 21				
		<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular		45,976		\$ 20.00	\$ 919,520
Customer Charge - TOU		1,106		\$ 23.50	25,991
Energy Charge - Regular			25,679,122	\$ 0.11507	2,954,897
Energy Charge - TOU - On Peak			528,809	\$ 0.13500	71,389
Energy Charge - TOU - Off Peak			372,369	\$ 0.08524	31,741
FPPCA Revenue					
DCA Revenue					
Totals			26,580,300		<u>\$ 4,003,538</u>

IRRIGATION	Rates 4, 14, 24				
		<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular		1,578		\$ 75.00	\$ 118,350
Customer Charge - TOU		413		\$ 78.50	32,421
Energy Charge - Regular			5,723,262	\$ 0.12200	698,238
Energy Charge - TOU - On Peak			388,071	\$ 0.13000	50,449
Energy Charge - TOU - Off Peak			440,767	\$ 0.08055	35,504
FPPCA Revenue					
DCA Revenue					
Totals			6,552,100		<u>\$ 934,961</u>

AG SERVICE	Rate 3				
		<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge		1,720		\$ 110.00	\$ 189,200
Energy Charge			42,762,594	\$ 0.104930	4,487,079
Revenue from Minimums			1,483,439	\$ 0.104930	155,657
FPPCA Revenue					
DCA Revenue					
Total Revenue			42,762,594		<u>\$ 4,831,936</u>

COMMERCIAL Under 50 KVA	Rates 5, 15, 25				
		<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular		10,368		\$ 35.00	\$ 362,880
Customer Charge - TOU		180		\$ 38.50	6,930
Energy Charge - Regular			10,032,144	\$ 0.10821	1,085,578
Energy Charge - TOU-On Peak			192,461	\$ 0.13725	26,415
Energy Charge - TOU-Off Peak			196,413	\$ 0.08746	17,178
FPPCA Revenue					
DCA Revenue					
Totals			10,421,018		<u>\$ 1,498,982</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
 TOTAL SYSTEM

COMMERCIAL 50 - 350 KVA	Rate 6					
	<u>Bills</u>	<u>KW Demand</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>	
Customer Charge - Regular	822			\$ 360.00	\$ 295,920	
Demand Charge		33,767		\$ 16.50	557,156	
Energy Charge			10,106,220	\$ 0.05254	530,981	
Revenue from Minimum Bills						
FPPCA Revenue						
Total Revenue			10,106,220		<u>\$ 1,384,056</u>	

COMMERCIAL Over 350 KVA	Rate 9					
	<u>Bills</u>	<u>KW Demand</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>	
Customer Charge	136			\$ 600.00	\$ 81,600	
Demand Charge		20,095		\$ 17.00	341,615	
Energy Charge			4,138,760	\$ 0.05592	231,439	
Minimums						
FPPCA Revenue						
DCA Revenue						
Total Revenue			4,138,760		<u>\$ 654,654</u>	

	<u>Bills</u>	<u>Kwh</u>	<u>Rate</u>	<u>Revenue</u>	
175 Watt Mercury Vapor	3,398	271,840	\$ 15.25	\$ 51,820	
100 Watt High Pressure Sodium	3,182	133,644	\$ 16.25	\$ 51,708	
400 Watt High Pressure Sodium	272	48,960	\$ 32.45	\$ 8,826	
FPPCA Revenue					
DCA Revenue					
Total Revenue		454,444		<u>\$ 112,353</u>	
Totals		<u>101,015,436</u>		<u>13,420,481</u>	

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
NEW MEXICO

RESIDENTIAL Rates 1, 11, 21

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	41,310		\$ 20.00	\$ 826,200
Customer Charge - TOU	820		\$ 23.50	19,270
Energy Charge - Regular		23,460,048	\$ 0.11507	2,699,548
Energy Charge - TOU - On Peak		415,461	\$ 0.13500	56,087
Energy Charge - TOU - Off Peak		271,426	\$ 0.08524	23,136
Revenue from Minimum Bills				
FPPCA Revenue				
DCA Revenue				
Totals		24,146,935		<u>\$ 3,624,241</u>

IRRIGATION Rates 4, 14, 24

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	1,469		\$ 75.00	\$ 110,175
Customer Charge - TOU	359		\$ 78.50	28,182
Energy Charge - Regular		5,513,655	\$ 0.12200	672,666
Energy Charge - TOU - On Peak		337,128	\$ 0.13000	43,827
Energy Charge - TOU - Off Peak		373,187	\$ 0.08055	30,060
Revenue from Minimum Bills				
FPPCA Revenue				
DCA Revenue				
Total Revenue		6,223,970		<u>\$ 884,909</u>

AG SERVICE Rate 3

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge	1,613		\$ 110.00	\$ 177,430
Energy Charge		39,375,674	\$ 0.104930	4,131,689
Revenue from Minimums		1,435,827	\$ 0.104930	150,661
FPPCA Revenue				
DCA Revenue				
Totals		39,375,674		<u>\$ 4,459,781</u>

COMMERCIAL Under 50 KVA Rates 5, 15, 25

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	9,958		\$ 35.00	\$ 348,530
Customer Charge - TOU	180		\$ 38.50	6,930
Energy Charge - Regular		9,653,854	\$ 0.10821	1,044,644
Energy Charge - TOU-On Peak		192,461	\$ 0.13725	26,415
Energy Charge - TOU-Off Peak		196,413	\$ 0.08746	17,178
FPPCA Revenue				
DCA Revenue				
Totals		10,042,728		<u>\$ 1,443,697</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
 NEW MEXICO

COMMERCIAL 50 - 350 KVA Rate 6

	<u>Bills</u>	<u>KW Demand</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	822			\$ 360.00	\$ 295,920
Demand Charge		33,767		\$ 16.50	557,156
Energy Charge			10,106,220	\$ 0.05254	530,981
Revenue from Minimum Bills					
FPPCA Revenue					
DCA Revenue					
Totals			10,106,220		<u>\$ 1,384,056</u>

COMMERCIAL Over 350 KVA Rate 9

	<u>Bills</u>	<u>KW Demand</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge	136			\$ 600.00	\$ 81,600
Demand Charge		20,095		\$ 17.00	341,615
Energy Charge			4,138,760	\$ 0.05592	231,439
Minimums					
FPPCA Revenue					
DCA Revenue					
Totals			4,138,760		<u>\$ 654,654</u>

LIGHTING SERVICE

	<u>Bills</u>	<u>Kwh</u>	<u>Rate</u>	<u>Revenue</u>
175 Watt Mercury Vapor	3,398	271,840	\$ 15.25	\$ 51,820
100 Watt High Pressure Sodium	3,022	126,924	\$ 16.25	\$ 49,108
400 Watt High Pressure Sodium	272	48,960	\$ 32.45	\$ 8,826
FPPCA Revenue				
DCA Revenue				
Total Revenue		447,724		<u>\$ 109,753</u>
Totals		<u>94,482,011</u>		<u>\$ 12,561,092</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
ARIZONA

RESIDENTIAL

Rates 1, 11, 21

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	4,666		\$ 20.00	\$ 93,320
Customer Charge - TOU	286		\$ 23.50	6,721
Energy Charge - Regular		2,219,074	\$ 0.11507	255,349
Energy Charge - TOU - On Peak		113,348	\$ 0.13500	15,302
Energy Charge - TOU - Off Peak		100,943	\$ 0.08524	8,604
FPPCA Revenue				
Totals		2,433,365		<u>\$ 379,296</u>

IRRIGATION

Rates 4, 14, 24

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	109		\$ 75.00	\$ 8,175
Customer Charge - TOU	54		\$ 78.50	4,239
Energy Charge - Regular		209,607	\$ 0.12200	25,572
Energy Charge - TOU - On Peak		50,943	\$ 0.13000	6,623
Energy Charge - TOU - Off Peak		67,580	\$ 0.08055	5,444
Revenue from Minimum Bills				
FPPCA Revenue				
Totals		328,130		<u>\$ 50,052</u>

AG SERVICE

Rate 3

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge	107		\$ 110.00	\$ 11,770
Energy Charge		3,386,920	\$ 0.10493	355,390
Revenue from Minimums		47,612	\$ 0.10493	4,996
FPPCA Revenue				
Totals		3,386,920		<u>\$ 372,155</u>

COMMERCIAL Under 50 KVA

Rates 5,15, 25

	<u>Bills</u>	<u>kWh</u>	<u>Rate</u>	<u>Revenue</u>
Customer Charge - Regular	410		\$ 35.00	\$ 14,350
Customer Charge - TOU			\$ 38.50	-
Energy Charge - Regular		378,290	\$ 0.10821	40,935
Energy Charge - TOU-On Peak			\$ 0.13725	-
Energy Charge - TOU-Off Peak			\$ 0.08746	-
FPPCA Revenue				
Totals		378,290		<u>\$ 55,285</u>

COLUMBUS ELECTRIC COOPERATIVE, INC.
PROOF OF REVENUE - PROPOSED RATES
OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
ARIZONA

LIGHTING SERVICE

	Bills	Kwh	Rate	Revenue
100 Watt High Pressure Sodium	160	6,720	\$ 16.25	\$ 2,600
FPPCA Revenue				
Totals		6,720		<u>\$ 2,600</u>
Totals		<u>6,533,425</u>		<u>\$ 859,388</u>

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - NEW MEXICO

SCHEDULE E-4.0

RESIDENTIAL

		Rate 1		(3,442 Customers)	
		PRESENT	PROPOSED	\$	%
KWH	BILL	BILL	BILL	INCREASE	INCREASE
0	\$ 12.35	\$ 20.00		7.65	61.94
100	\$ 24.99	\$ 31.51		6.52	26.10
250	43.94	48.77		4.83	10.98
500	75.53	77.54		2.00	2.65
750	107.12	106.30		(0.82)	(0.77)
1000	138.71	135.07		(3.64)	(2.63)
1500	201.90	192.61		(9.29)	(4.60)
2000	265.08	250.14		(14.94)	(5.64)

Customer Chg	\$ 12.35	\$ 20.00
Energy Chg	\$ 0.0864	\$ 0.11507
Power Cost Adj	\$ 0.038407	
Debt Cost Adj	\$ 0.001557	

RESIDENTIAL - TIME OF USE

		Rates 11, 21		(68 Customers)	
		PRESENT	PROPOSED	\$	%
KWH	BILL	BILL	BILL	INCREASE	INCREASE
On Peak 60%		\$ 15.60	\$ 23.50	7.90	50.64
Off Peak 40%		27.86	35.03	7.17	25.73
		46.25	52.32	6.07	13.12
		76.91	81.15	4.24	5.51
		107.56	109.97	2.41	2.24
		138.21	138.80	0.58	0.42
		199.52	196.44	(3.08)	(1.54)
		260.83	254.09	(6.74)	(2.58)

Customer Chg	\$ 15.60	\$ 23.50
Energy Chg - On Peak	\$ 0.0975	\$ 0.13500
Energy Chg - On Peak	\$ 0.0600	\$ 0.08524
Power Cost Adj	\$ 0.038407	
Debt Cost Adj	\$ 0.001557	

IRRIGATION

		Rate 4		(122 Customers)	
		PRESENT	PROPOSED	\$	%
KWH	BILL	BILL	BILL	INCREASE	INCREASE
1000	\$ 164.98	\$ 197.00		32.02	19.41
1500	231.22	258.00		26.78	11.58
2000	297.46	319.00		21.54	7.24
2500	363.70	380.00		16.31	4.48
3000	429.93	441.00		11.07	2.57
4000	562.41	563.00		0.59	0.10
5000	694.89	685.00		(9.89)	(1.42)

Customer Chg	\$ 32.50	\$ 75.00
Energy Chg	\$ 0.0920	\$ 0.12200
Power Cost Adj	\$ 0.038534	
Debt Cost Adj	\$ 0.001944	

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - NEW MEXICO

SCHEDULE E-4.0

IRRIGATION TIME OF USE

		Rates 14, 24		(30 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
On Peak	47.5%	1000 \$ 166.40	182.54	16.14	9.70
Off Peak	52.5%	1500 226.85	234.56	7.70	3.40
		2000 287.31	286.56	(0.73)	(0.25)
		2500 347.76	336.60	(9.16)	(2.63)
		3000 406.21	390.62	(17.59)	(4.31)
		4000 529.11	494.66	(34.46)	(6.51)
		5000 650.02	596.69	(51.32)	(7.90)
Customer Chg		\$ 45.50	\$ 78.50		
Energy Chg - On Peak		\$ 0.1030	\$ 0.13000		
Energy Chg - On Peak		\$ 0.0800	\$ 0.08055		
Power Cost Adj		\$ 0.038534			
Debt Cost Adj		\$ 0.001944			

AG SERVICE

		Rate 3		(134 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
		5000 \$ 606.30	\$ 634.65	28.35	4.68
		7500 876.95	896.96	20.03	2.28
		10000 1,147.60	1,159.30	11.70	1.02
		12500 1,418.25	1,421.63	3.38	0.24
		15000 1,688.90	1,683.95	(4.95)	(0.29)
		20000 2,230.20	2,208.60	(21.60)	(0.97)
		25000 2,771.50	2,733.25	(38.25)	(1.38)
Customer Chg		\$ 65.00	\$ 110.00		
Energy Chg		\$ 0.0695	\$ 0.10493		
Power Cost Adj		\$ 0.036950			
Debt Cost Adj		\$ 0.001810			

SMALL COMMERCIAL
UNDER 50 KVA

		Rate 5		(830 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
		250 \$ 46.95	\$ 62.05	15.10	32.17
		500 77.65	89.11	11.46	14.75
		750 108.35	116.16	7.81	7.21
		1000 139.05	143.21	4.16	2.99
		1250 169.75	170.26	0.51	0.30
		1500 200.45	197.32	(3.13)	(1.56)
		2000 261.85	251.42	(10.43)	(3.98)
		3000 384.65	359.63	(25.02)	(6.50)
Customer Chg		\$ 16.25	\$ 35.00		
Energy Chg		\$ 0.0822	\$ 0.10821		
Power Cost Adj		\$ 0.038220			
Debt Cost Adj		\$ 0.002380			

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - NEW MEXICO

SCHEDULE E-4.0

SMALL COMMERCIAL
TIME OF USE

		Rates 15, 25		(15 Customers)		
		PRESENT	PROPOSED	\$	%	
		<u>KWH</u>	<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
On Peak	49.5%	250	\$ 38.38	\$ 66.53	28.15	73.34
Off Peak	50.5%	500	57.24	94.55	37.32	65.19
		750	76.08	122.58	46.50	61.13
		1000	94.93	150.81	55.67	58.84
		1500	132.65	206.86	74.01	55.79
		2000	170.37	262.71	92.34	54.20
		3000	245.80	374.82	129.02	52.49
Customer Chg		\$	19.50	\$	38.50	
Energy Chg - On Peak		\$	0.0922	\$	0.13725	
Energy Chg - On Peak		\$	0.0590	\$	0.08748	
Power Cost Adj		\$	0.038220			
Debs Cost Adj		\$	0.002380			

LARGE COMMERCIAL
50 - 350 KVA

		Rate 6		(69 Customers)		
		PRESENT	PROPOSED	\$	%	
<u>KW</u>	<u>LD FCTR</u>	<u>KWH</u>	<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
KW DEMAND	50	20% 7300	\$ 1,318.20	\$ 1,568.54	250.35	18.99
	50	30% 10950	1,854.54	1,780.31	105.77	6.39
	50	40% 14600	1,990.89	1,952.08	(38.81)	(1.95)
	50	50% 18250	2,327.24	2,143.86	(183.38)	(7.88)
	50	60% 21900	2,663.59	2,335.63	(327.96)	(12.31)
Customer Chg		\$	45.50	\$	360.00	
KW Demand Charge		\$	12.00	\$	18.50	
Energy Charge		\$	0.0520	\$	0.05254	
Power Cost Adj		\$	0.037880			
Debt Cost Adj		\$	0.002290			

INDUSTRIAL
OVER 350 KVA

		Rate 8		(11 Customers)		
		PRESENT	PROPOSED	\$	%	
<u>KW</u>	<u>LD FCTR</u>	<u>KWH</u>	<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
KW DEMAND	400	20% 58400	\$ 9,922.48	\$ 10,685.73	743.24	7.49
	400	25% 73000	11,141.73	11,482.16	340.43	3.06
	400	30% 87600	12,380.88	12,298.59	(82.38)	(0.50)
	400	40% 116800	14,799.47	13,931.46	(868.01)	(5.87)
	400	50% 148000	17,237.96	15,564.32	(1,673.64)	(9.71)
Customer Chg		\$	45.50	\$	600.00	
KW Demand Charge		\$	12.50	\$	17.00	
Energy Charge		\$	0.0441	\$	0.05592	
Power Cost Adj		\$	0.037264			
Debt Cost Adj		\$	0.002146			

LIGHTING

		Rate 7		(558 Customers)		
		PRESENT	PROPOSED	\$	%	
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>	
175 Watt Mercury Vapor		\$	14.99	\$	15.25	\$ 0.26 1.73
100 Watt High Pressure Sodium		\$	15.12	\$	16.25	\$ 1.13 7.47
400 Watt High Pressure Sodium		\$	30.45	\$	32.45	\$ 2.00 6.57
Customer Charge		<u>KWH</u>				
175 Watt Mercury Vapor		80	\$ 11.75	\$	15.25	
100 Watt High Pressure Sodium		42	\$ 13.50	\$	16.25	
400 Watt High Pressure Sodium		180	\$ 23.50	\$	32.45	
Fuel Adjustment Charge		\$	0.038580			
Debt Cost Adj		\$	0.001940			

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - ARIZONA

SCHEDULE E-4.1

RESIDENTIAL

KWH	Rate 1		(389 Customers)	
	PRESENT	PROPOSED	\$	%
	BILL	BILL	INCREASE	INCREASE
0	\$ 12.35	\$ 20.00	7.65	61.94
100	25.14	31.51	6.37	25.34
250	44.32	48.77	4.45	10.04
500	76.28	77.54	1.25	1.64
750	108.25	106.30	(1.95)	(1.80)
1000	140.22	135.07	(5.15)	(3.67)
1500	204.15	192.61	(11.55)	(5.66)
2000	268.09	250.14	(17.95)	(6.69)

Customer Chg	\$ 12.35	\$ 20.00
Energy Chg	\$ 0.0864	\$ 0.11507
Power Cost Adj	\$ 0.041468	

RESIDENTIAL - TIME OF USE

RESIDENTIAL - TIME OF USE		Rates 11, 21		(24 Customers)		
		PRESENT	PROPOSED	\$	%	
		<u>KWH</u>	<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
On Peak	53%	0	\$ 15.60	\$ 23.50	7.90	50.64
Off Peak	47%	100	27.73	34.66	6.93	24.98
		250	45.94	51.40	5.47	11.90
		500	76.27	79.31	3.03	3.98
		750	106.61	107.21	0.60	0.57
		1000	136.94	135.11	(1.83)	(1.34)
		1500	197.61	190.92	(6.70)	(3.39)
		2000	258.29	246.73	(11.56)	(4.48)

Customer Chg	\$ 15.60	\$ 23.50
Energy Chg - On Peak	\$ 0.0975	\$ 0.13500
Energy Chg - On Peak	\$ 0.0600	\$ 0.08524
Power Cost Adj	\$ 0.041468	

IRRIGATION

KWH	Rate 4		(9 Customers)	
	PRESENT	PROPOSED	\$	%
	BILL	BILL	INCREASE	INCREASE
1000	\$ 157.76	\$ 197.00	39.25	24.88
1500	220.38	258.00	37.62	17.07
2000	283.01	319.00	35.99	12.72
2500	345.64	380.00	34.36	9.94
3000	408.27	441.00	32.74	8.02
4000	533.52	563.00	29.48	5.53
5000	658.78	685.00	26.23	3.98

Customer Chg	\$ 32.50	\$ 75.00
Energy Chg	\$ 0.09200	\$ 0.12200
Power Cost Adj	\$ 0.033255	

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - ARIZONA

SCHEDULE E-4.1

RESIDENTIAL

		Rate 1		(389 Customers)	
		PRESENT	PROPOSED	\$	%
KWH	BILL	BILL	BILL	INCREASE	INCREASE
0	\$ 12.35	\$ 20.00		7.65	61.94
100	25.14	31.51		6.37	25.34
250	44.32	48.77		4.45	10.04
500	76.28	77.54		1.25	1.64
750	108.25	106.30		(1.95)	(1.80)
1000	140.22	135.07		(5.15)	(3.67)
1500	204.15	192.61		(11.55)	(5.66)
2000	268.09	250.14		(17.95)	(6.69)

Customer Chg	\$ 12.35	\$ 20.00
Energy Chg	\$ 0.0864	\$ 0.11507
Power Cost Adj	\$ 0.041468	

RESIDENTIAL - TIME OF USE

		Rates 11, 21		(24 Customers)	
		PRESENT	PROPOSED	\$	%
KWH	BILL	BILL	BILL	INCREASE	INCREASE
On Peak	53%	0 \$ 15.60	\$ 23.50	7.90	50.64
Off Peak	47%	100 27.73	34.66	6.93	24.98
		250 45.94	51.40	5.47	11.90
		500 76.27	79.31	3.03	3.98
		750 106.61	107.21	0.60	0.57
		1000 136.94	135.11	(1.83)	(1.34)
		1500 197.61	190.92	(6.70)	(3.39)
		2000 258.29	246.73	(11.56)	(4.48)

Customer Chg	\$ 15.60	\$ 23.50
Energy Chg - On Peak	\$ 0.0975	\$ 0.13500
Energy Chg - On Peak	\$ 0.0600	\$ 0.08524
Power Cost Adj	\$ 0.041468	

IRRIGATION

		Rate 4		(9 Customers)	
		PRESENT	PROPOSED	\$	%
KWH	BILL	BILL	BILL	INCREASE	INCREASE
1000	\$ 157.76	\$ 197.00		39.25	24.88
1500	220.38	258.00		37.62	17.07
2000	283.01	319.00		35.99	12.72
2500	345.64	380.00		34.36	9.94
3000	408.27	441.00		32.74	8.02
4000	533.52	563.00		29.48	5.53
5000	658.78	685.00		26.23	3.98

Customer Chg	\$ 32.50	\$ 75.00
Energy Chg	\$ 0.09200	\$ 0.12200
Power Cost Adj	\$ 0.033255	

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - ARIZONA

SCHEDULE E-4.1

IRRIGATION TIME OF USE

		Rates 14, 24		(5 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
On Peak	43%	1000 \$ 157.25	\$ 180.31	23.07	14.67
Off Peak	57%	1500 213.12	231.22	18.10	8.49
		2000 268.99	282.13	13.14	4.88
		2500 324.86	333.03	8.17	2.52
		3000 380.74	383.94	3.21	0.84
		4000 492.48	485.75	(6.73)	(1.37)
		5000 604.23	587.57	(16.66)	(2.76)
Customer Chg		\$ 45.50	\$ 78.50		
Energy Chg - On Peak		\$ 0.1030	\$ 0.13000		
Energy Chg - On Peak		\$ 0.0800	\$ 0.080550		
Power Cost Adj		\$ 0.033255			

AG SERVICE

		Rate 3		(9 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
		5000 \$ 583.70	\$ 634.65	50.95	8.73
		7500 843.05	896.98	53.93	6.40
		10000 1,102.40	1159.30	56.90	5.16
		12500 1,361.75	1421.63	59.88	4.40
		15000 1,621.10	1683.95	62.85	3.88
		20000 2,139.80	2208.60	68.80	3.22
		25000 2,858.50	2733.25	74.75	2.81
Customer Chg		\$ 65.00	\$ 110.00		
Energy Chg		\$ 0.0695	\$ 0.10493		
Power Cost Adj		\$ 0.03424			

SMALL COMMERCIAL
UNDER 50 KVA

		Rate 5		(34 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
		250 \$ 46.96	\$ 62.05	15.09	32.14
		500 77.67	89.11	11.44	14.72
		750 108.38	116.16	7.78	7.18
		1000 139.09	143.21	4.12	2.96
		1250 169.80	170.26	0.46	0.27
		1500 200.51	197.32	(3.20)	(1.59)
		2000 261.83	251.42	(10.51)	(4.01)
		3000 384.77	359.63	(25.14)	(6.53)
Customer Chg		\$ 16.25	\$ 35.00		
Energy Chg		\$ 0.0822	\$ 0.10821		
Power Cost Adj		\$ 0.04064			

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - ARIZONA

SCHEDULE E-4.1

SMALL COMMERCIAL TIME OF USE		Rates 15, 25		(0 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
On Peak	49.5%	250	\$ 66.53		
Off Peak	50.5%	500	94.55		
		750	122.58		
		1000	150.61		
		1500	206.66		
		2000	262.71		
		3000	374.82		
Customer Chg		\$ 19.50	\$ 38.50		
Energy Chg - On Peak		\$ 0.0922	\$ 0.13725		
Energy Chg - On Peak		\$ 0.0590	\$ 0.08746		
Power Cost Adj					

LARGE COMMERCIAL 50 - 350 KVA		Rate 6		(0 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
KW DEMAND	<u>KW</u>	<u>KWH</u>			
	50	20% 7,300	\$ 1,568.54		
	50	30% 10,950	1,760.31		
	50	40% 14,600	1,952.08		
	50	50% 18,250	2,143.86		
	50	60% 21,900	2,335.63		
Customer Chg			\$ 360.00		
KW Demand Charge			\$ 16.50		
Energy Charge			\$ 0.05254		
Power Cost Adj					

INDUSTRIAL OVER 350 KVA		Rate 8		(0 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
KW DEMAND	<u>KW</u>	<u>KWH</u>			
	400	20% 58400	\$ 10,665.73		
	400	25% 73000	11,482.16		
	400	30% 87600	12,298.59		
	400	40% 116800	13,931.46		
	400	50% 146000	15,564.32		
Customer Chg			\$ 600.00		
KW Demand Charge			\$ 17.00		
Energy Charge			\$ 0.05592		
Power Cost Adj					

		Rate 7		(13 Customers)	
		PRESENT	PROPOSED	\$	%
		<u>BILL</u>	<u>BILL</u>	<u>INCREASE</u>	<u>INCREASE</u>
175 Watt Mercury Vapor		N/A	\$ 15.25		
100 Watt High Pressure Sodium		\$ 15.24	\$ 16.25	\$ 1.01	6.64
400 Watt High Pressure Sodium		N/A	\$ 32.45		
Customer Charge	<u>KWH</u>				
100 Watt High Pressure Sodium	42	\$ 13.50	\$ 16.25		
Fuel Adjustment Charge		\$ 0.04137			

F

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - EXPENSES

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
TRANSMISSION EXPENSE									
570 OPR & MAINT	17,902	102	2,696	1,661	9,953	1,111	1,393	1,044	44
Total	17,902	114*	2,696	1,661	9,953	1,111	1,393	1,044	44
TRANSMISSION EXPENSE			15.058%	9.279%	55.599%	6.203%	7.782%	5.831%	0.248%
DIST OPR EXP									
580 OPR SUPV ENGR	79,411	107	32,651	5,507	22,369	10,269	4,655	2,961	1,001
582 STATION EXP	61,566	1	9,270	5,713	34,230	3,819	4,791	3,590	153
583 OH LINE EXP	272,149	104	106,862	18,632	93,786	28,559	14,153	9,753	405
584 UG LINE EXP	52,814	105	16,198	4,072	22,164	4,738	3,231	2,314	97
586 METER EXPENSE	89,614	19	48,401	5,867	8,241	22,034	3,976	1,094	0
587 INST CONS PREM	32,824	20	0	0	0	0	0	0	32,824
588 MISC DIST EXP	354,513	107	145,761	24,583	99,862	45,842	20,782	13,217	4,467
Total	942,891	115*	359,143	64,373	280,652	115,261	51,588	32,928	38,946
DIST OPR EXP			38.090%	6.827%	29.765%	12.224%	5.471%	3.492%	4.130%
DIST MAINT EXPENSE									
592 MAINT STATION EQ	31,648	1	4,765	2,937	17,596	1,963	2,463	1,846	78
593 MAINT OH LINES	232,665	104	91,358	15,929	80,179	24,416	12,100	8,338	346
594 MAINT UG LINES	6,230	105	1,911	480	2,615	559	381	273	11
595 MAINT TRANSFORMER	29,007	16	15,860	1,917	3,083	5,414	1,992	741	0
596 MAINT SEC LITES	29,775	20	0	0	0	0	0	0	75
597 MAINT METERS	29,780	19	16,084	1,950	2,739	7,322	1,321	364	0
598 MISC MAINT DIST	6,747	107	2,774	468	1,901	872	396	252	85
Total	336,152	116*	132,753	23,680	108,111	40,546	18,653	11,812	596
DIST MAINT EXPENSE			39.492%	7.045%	32.161%	12.062%	5.549%	3.514%	0.177%
CONS ACCTS EXP									
902 METER READING	201,564	6	76,969	16,280	22,440	34,483	40,503	10,788	0
903 RECORDS & COLLEC	428,981	7	152,967	32,355	41,809	68,531	107,591	25,728	0
Total	630,545	117*	229,936	48,636	64,248	103,014	148,194	36,517	0
CONS ACCTS EXP			36.466%	7.713%	10.189%	16.337%	23.503%	5.791%	0.000%

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - EXPENSES

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
CUST SERVICE EXP									
908 CUST SERVICE	95,935	7*	34,209	7,236	9,350	15,326	24,061	5,754	0
Total	95,935	118*	34,209	7,236	9,350	15,326	24,061	5,754	0
CUST SERVICE EXP			35,658	7,542	9,746	15,975	25,081	5,998	0.000%
SUBTOTAL EXPENSES	2,023,425	119*	758,736	145,586	472,314	275,258	243,889	88,055	39,586
			37,498	7,195	23,342	13,604	12,053	4,352	1,956%
ADMIN GEN EXP									
920 ADMIN GEN SALARY	508,298	119	190,600	36,572	118,649	69,147	61,267	22,120	9,944
921 AG OFC SUPPLY	46,228	119	17,334	3,326	10,791	6,289	5,572	2,012	904
923 OUTSIDE SVCS	77,660	119	29,121	5,588	18,128	10,565	9,361	3,380	1,519
928 REG COMM EXP	65,517	119	24,567	4,714	15,293	8,913	7,897	2,851	1,282
930 MISC GEN EXP	515,570	119	193,327	37,095	120,346	70,136	62,143	22,437	10,087
Total	1,213,273	120*	454,949	87,296	283,206	165,048	146,239	52,799	23,736
ADMIN GEN EXP			37,498	7,195	23,342	13,604	12,053	4,352	1,956%
SUBTOTAL EXPENSES	3,236,698	121*	1,213,685	232,882	755,520	440,306	390,128	140,854	63,323
			37,498	7,195	23,342	13,604	12,053	4,352	1,956%
POWER COST									
DEMAND COST	4,698,950	11	1,057,858	350,449	2,063,791	439,331	509,152	267,339	11,029
ENERGY COST	3,231,755	12	850,375	209,619	1,368,090	333,396	323,325	132,410	14,539
Total	7,930,705	122*	1,908,233	560,068	3,431,881	772,727	832,478	399,749	25,568
POWER COST			24,061	7,062	43,273	9,743	10,497	5,041	0.322%
DEPRECIATION									
403.5 TRANSMISSION	23,956	102	3,607	2,223	13,319	1,486	1,864	1,397	59
403.6 DISTRIBUTION	984,511	107	404,791	68,269	277,325	127,307	57,712	36,704	12,404
403.7 GENERAL PLANT	94,875	110	37,975	6,672	27,814	12,001	5,638	3,621	1,155
407.3 REGULATORY DEB	59,171	12	15,570	3,838	25,049	6,104	5,920	2,424	266
Total	1,162,513	123*	461,943	81,002	343,506	146,899	71,134	44,145	13,885
DEPRECIATION			39,737	6,968	29,549	12,636	6,119	3,797	1,194%
TOTAL EXPENSES	12,329,916	124*	3,583,861	873,952	4,530,908	1,359,932	1,293,739	584,749	102,776
			29,066	7,088	36,747	11,030	10,493	4,743	0.834%

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - INTEREST

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
INTEREST LTD	558,003	107	229,428	38,694	157,183	72,155	32,710	20,803	7,030
TOTAL	558,003	127*	229,428	38,694	157,183	72,155	32,710	20,803	7,030
INTEREST			41.116%	6.934%	28.169%	12.931%	5.862%	3.728%	1.260%

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COMPONENTS OF EXPENSES

ACCOUNTS	TOTAL DOLLARS	A.F.	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
DEMAND COMPONENT									
NONCOIN DEMAND	1,791,138	1	269,706	166,196	995,855	111,111	139,380	104,449	4,441
PWR COST SUM COIN DM	4,698,950	11	1,057,858	350,449	2,063,791	439,331	509,152	267,339	11,029
ACCT 368 TRANSF 30%	148,075	16	80,964	9,786	15,736	27,637	10,169	3,783	0
ACCT 369 OVHD SV 30%	22,789	17	19,455	380	327	2,466	138	22	0
ACCT 369 UND6 SV 60%	61,570	18	18,471	6,157	6,157	15,393	7,696	7,696	0
ACCT 370 METERS 30%	97,375	19	52,593	6,376	8,955	23,942	4,321	1,189	0
TOTAL	6,819,898		1,499,048	539,344	3,090,821	619,879	670,856	384,478	15,470
DEMAND COMPONENT			21.981%	7.908%	45.321%	9.089%	9.837%	5.638%	0.227%
CUSTOMER COMPONENT									
AVG CONS	868,539	4	656,423	27,769	23,922	147,043	11,543	1,840	0
WTD CONS METER READ	322,425	6	123,121	26,042	35,895	55,160	64,949	17,257	0
WTD CONS CONS ACCTS	839,663	7	299,408	63,330	81,834	134,138	210,593	50,359	0
ACCT 368 TRANSF 70%	345,509	16	188,917	22,834	36,718	64,485	23,728	8,826	0
ACCT 369 OVHD SV 70%	53,174	17	45,396	887	764	5,754	322	51	0
ACCT 369 UND6 SV 40%	41,047	18	12,314	4,105	4,105	10,262	5,131	5,131	0
ACCT 370 METERS 70%	227,208	19	122,717	14,876	20,894	55,865	10,082	2,774	0
ACCT 371 SECURITY LI	79,530	20	0	0	0	0	0	0	79,530
TOTAL	2,777,095		1,448,296	159,844	204,130	472,707	326,348	86,239	79,530
CUSTOMER COMPONENT			52.151%	5.756%	7.350%	17.022%	11.751%	3.105%	2.864%
ENERGY COMPONENT									
POWER COST KWH	3,290,926	12	865,945	213,457	1,393,139	339,501	329,245	134,834	14,806
TOTAL	3,290,926		865,945	213,457	1,393,139	339,501	329,245	134,834	14,806
ENERGY COMPONENT			26.313%	6.486%	42.333%	10.316%	10.005%	4.097%	0.450%
TOTAL EXPENSES	12,887,919		3,813,289	912,645	4,688,090	1,432,087	1,326,449	605,552	109,806
			29.588%	7.081%	36.376%	11.112%	10.292%	4.699%	0.852%

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
SUMMARY OF COMPONENTS OF EXPENSES

	SYSTEM TOTALS	RESIDENTIAL	IRRIGATION	AG SERVICE	SM COMMERCIAL	LG COMMERCIAL	INDUSTRIAL	LIGHTING
Average Consumers kWh Sold	5,763 101,315,451	3,924 26,580,300 5,357 4,713	166 6,552,100 4,017 2,474	143 42,762,594 26,653 14,654	879 10,421,018 3,577 2,696	69 10,406,220 3,264 2,231	11 4,138,760 2,446 1,333	571 454,459 104 96
Customer Component Monthly Cost Per Cons	2,777,095 40.16	1,448,296 30.76 270.36 307.30	159,844 80.24 39.79 64.61	204,130 118.96 7.66 13.93	472,707 44.81 132.15 175.34	326,348 394.14 99.98 146.28	86,239 653.33 35.26 64.70	79,530 11.61 764.71 828.44
Energy Component Average Cost Per kWh	3,290,926 0.032482	865,945 0.032578	213,457 0.032578	1,393,139 0.032578	339,501 0.032578	329,245 0.031639	134,834 0.032578	14,806 0.032578
Demand Component Cost Per kW1 Cost Per kW2	6,819,898	1,499,048 279.83 318.07	539,344 134.27 218.00	3,090,821 115.97 210.92	619,879 173.30 229.93	670,856 205.53 300.70	384,478 157.19 288.43	15,470 148.75 161.15
Demand & Energy Component Average Cost Per kWh	10,110,824 0.099795	2,364,993 0.088975	752,801 0.114895	4,483,960 0.104857	959,380 0.092062	1,000,101 0.096106	519,313 0.125475	30,276 0.066619
Total Expenses Average Cost Per kWh	12,887,919 0.127206	3,813,289 0.143463	912,645 0.139290	4,688,090 0.109631	1,432,087 0.137423	1,326,449 0.127467	605,552 0.146312	109,806 0.241619

kW1=45419
kW2=28199

G

COLUMBUS ELECTRIC COOPERATIVE, INC.

SECTION G

RATE SCHEDULES – PRESENT RATES

NEW MEXICO

ARIZONA

COLUMBUS ELECTRIC COOPERATIVE, INC.

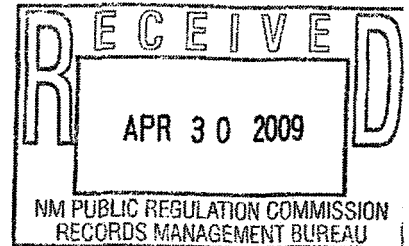
FOURTH REVISED RATE NO. 1

CANCELLING THIRD REVISED RATE NO. 1

RESIDENTIAL SERVICE

X Numerous Changes

Page 1 of 2



AVAILABILITY:

Available to residential consumers, small schools, churches, and community halls requiring less than 50 KVA of transformer capacity, for all rural and town uses within the utility's service area, subject to established rules and regulations. The capacity of individual motors served under this schedule shall not exceed 10 HP.

TYPE OF SERVICE:

Single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATE:

Customer Charge – All Customers	\$12.35
Energy Charge – All kWh	8.64¢ / kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer:

Customer Charge – All Customers	\$15.60
Energy Charge – All kWh	
From 6:00 a.m. to 9:00 p.m.	9.75¢ / kWh
From 9:00 p.m. to 6:00 a.m.	6.0¢ / kWh

Metering and timing devices must be installed to record usage during each specified time. The cost of the equipment installed is to be paid by the Cooperative.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. 44

Signature: Michael D. Fletcher
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 1

CANCELLING THIRD REVISED RATE NO. 1

RESIDENTIAL SERVICE

X Numerous Changes

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of the bill.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

**REPLACED BY NMPRC
BY Rule #540**

Advice Notice No. 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

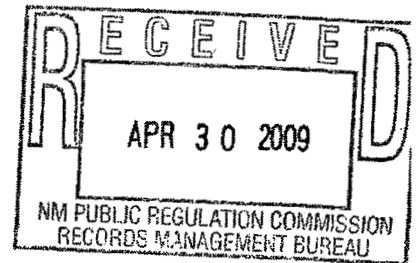
FOURTH REVISED RATE NO. 2

CANCELLING THIRD REVISED RATE NO. 2

SMALL COMMERCIAL

X Numerous Changes

Page 1 of 2



AVAILABILITY:

Available for commercial and industrial service requiring installed transformer capacity of 50 KVA or less, for all uses within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Single-phase and three-phase at secondary voltages. Motors having a rated capacity in excess of ten horsepower must be three-phase.

MONTHLY RATE:

Customer Charge – All Customers	\$16.25
Energy Charge – All kWh	8.22¢ / kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer:

Customer Charge – All Customers	\$19.50
Energy Charge – All kWh	
From 6:00 a.m. to 9:00 p.m.	9.22¢ / kWh
From 9:00 p.m. to 6:00 a.m.	5.9¢ / kWh

Metering and timing devices must be installed to record usage during each specified time.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

Signature:
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 2

CANCELLING THIRD REVISED RATE NO. 2

SMALL COMMERCIAL

X Numerous Changes

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate where 10 KVA or less of transformer capacity is required, shall be the customer charge plus applicable taxes. For consumers requiring more than 10 KVA of transformer capacity, the minimum monthly charge shall be increased by \$1.50 for each additional KVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the monthly minimum charge may be increased to assure adequate compensation for the added facilities. The minimum charge as computed above does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

TEMPORARY SERVICE:

The utility shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of connection and disconnection.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. 44

Signature: Michael D. Fletcher
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

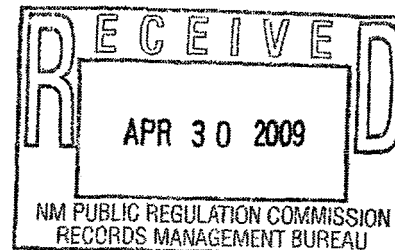
FIFTH REVISED RATE NO. 3

CANCELLING FOURTH REVISED RATE NO. 3

IRRIGATION SERVICE

X Numerous Changes

Page 1 of 3



AVAILABILITY:

Available to irrigation consumers located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase at secondary voltages.

MONTHLY RATE:

Customer Charge – All Customers	\$32.50
Energy Charge – All kWh	9.2¢ / kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer:

Customer Charge – All Customers	\$45.50
Energy Charge – All kWh	
During the period 8:00 a.m. to 9:00 p.m. MST	10.3¢ / kWh
During the period 9:00 p.m. to 8:00 a.m. MST	6.0¢ / kWh

Metering and timing devices shall be installed at Cooperative expense to record usage during each specified time.

The optional rate set forth above is voluntary and shall be applicable with the first complete billing cycle after receipt of the customer's written request. Customers electing service under the monthly time-of-use rate may transfer to the Agricultural Service rate beginning with the next complete billing cycle after receipt of written request.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. 44

Signature: Michael D. Fletcher
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 3

CANCELLING FOURTH REVISED RATE NO. 3

IRRIGATION SERVICE

X Numerous Changes

Page 2 of 3

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum charge does not include any charges for kWh used.

DETERMINATION OF CONNECTED HORSEPOWER:

The cooperative shall determine the connected horsepower by name plate rating of the motors, or at its option by test under conditions of maximum operating load.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain a power factor of not less than 90%. The cooperative reserves the right to measure such power factor at any time. Should such measurement indicate that the power factor of the consumer is less than 90%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 90%, or, if the cooperative shall so elect, the energy for billing purposes shall be the energy as indicated by the meter reading, multiplied by 90%, and divided by the percent power factor.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.540 NMAC.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC

BY Rule #540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 3

CANCELLING FOURTH REVISED RATE NO. 3

IRRIGATION SERVICE

X Numerous Changes

Page 3 of 3

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule # 540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

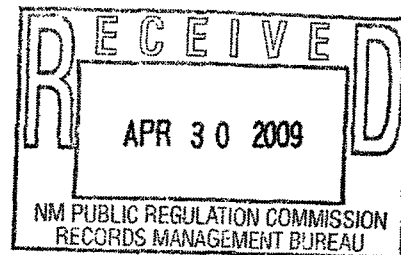
FOURTH REVISED RATE NO. 5

CANCELLING THIRD REVISED RATE NO. 5

LARGE POWER SERVICE

X Numerous Changes

Page 1 of 3



AVAILABILITY:

Available to consumers including existing single-phase consumers located within the utility's service area, requiring transformer capacity in excess of 50 KVA, but not more than 350 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATE:

Customer Charge -- All Customers	\$45.50
Demand Charge	\$12.00 / KW
Energy Charge -- All kWh	5.2¢ / kWh

MONTHLY TIME-OF-USE RATE:

Customer Charge -- All Customers	\$65.00
Demand Charge:	
During the period 6:00 a.m. to 9:00 p.m.	\$13.50 / KW
During the period 9:00 p.m. to 6:00 a.m.	\$0.00
Energy Charge -- All kWh:	
During the period 8:00 a.m. to 9:00 p.m. MST	5.925¢ / kWh
During the period 9:00 p.m. to 8:00 a.m. MST	5.0¢ / kWh

Metering and timing devices must be installed to record KW demand and kWh usage during each specified time. The cost of the equipment installed is to be paid by the Cooperative.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. 44

Signature:
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 5

CANCELLING THIRD REVISED RATE NO. 5

LARGE POWER SERVICE

X Numerous Changes

Page 2 of 3

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the highest one of the following charges as determined for the consumer in questions.

1. The minimum monthly charge specified in the contract for service.
2. A charge of \$150.00.
3. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. 44

Signature: Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 5

CANCELLING THIRD REVISED RATE NO. 5

LARGE POWER SERVICE

X Numerous Changes

Page 3 of 3

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, during the month adjusted for power factor as provided below.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

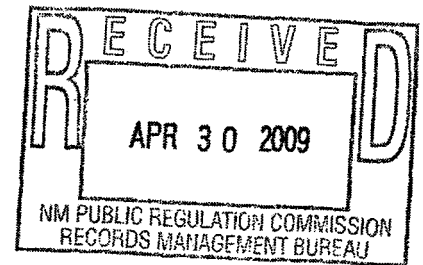
FOURTH REVISED RATE NO. 6

CANCELLING THIRD REVISED RATE NO. 6

INDUSTRIAL SERVICE

X Numerous Changes

Page 1 of 3



AVAILABILITY:

Available to consumers located within the utility's service area, requiring transformer capacity in excess of 350 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATES:

Customer Charge – All Customers	\$45.50
Demand Charge	\$12.50 / KW
Energy Charge – All kWh	4.41¢ / kWh

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the highest one of the following charges as determined for the customer in question.

1. The minimum monthly charge specified in the contract for service.
2. \$1.25 per KVA of installed transformer capacity.
3. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

EFFECTIVE

MAY 30 2009

**REPLACED BY NMPRC
BY Rule #540**

Advice Notice No. _____ 44

Signature:
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 6

CANCELLING THIRD REVISED RATE NO. 6

INDUSTRIAL SERVICE

X Numerous Changes

Page 2 of 3

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period, if applicable, during the month adjusted for power factor as provided below.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 6

CANCELLING THIRD REVISED RATE NO. 6

INDUSTRIAL SERVICE

X Numerous Changes

Page 3 of 3

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule # 540

Advice Notice No. 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 12

CANCELLING SECOND REVISED RATE NO. 12

LIGHTING SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to all consumers within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Single-phase, 60 cycle, at available secondary voltages.

RATE:

175 Watt Mercury Vapor Lamps	\$11.75 per month
400 Watt High Pressure Sodium	\$23.50 per month
100 Watt High Pressure Sodium	\$13.50 per month

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY RATE:

The monthly minimum charge under the above rate shall be the net rate per month as quoted above or as established by contract between the consumer and the utility in accordance with the utility's extension policy.

In lieu of metering each individual lighting service, the utility has assigned a standard kWh usage to each service as follows:

175 Watt Fixtures – 80 kWh per month;
400 Watt Fixtures – 180 kWh per month;
100 Watt Fixtures – 42 kWh per month.

Advice Notice No. 35

Signature: Michael D. Fletcher
Michael D. Fletcher, General Manager

Rule 540

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 12

CANCELLING SECOND REVISED RATE NO. 12

LIGHTING SERVICE

X Numerous Changes

Page 2 of 3

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

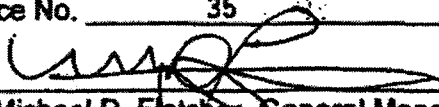
The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule No. 550.

CONDITIONS OF SERVICE:

1. The term of this Agreement shall be for a period of four (4) years from the date hereof and shall continue thereafter from term to term, unless a written notice to the contrary is given by either party to the other at least 60 days prior to the expiration of the original term or of any renewal thereof.
2. The consumer hereby grants to Cooperative all easements necessary for Cooperative to install the electrical equipment upon the Consumer's property, and hereby grants Cooperative, its agents and employees, the right of ingress and egress to Consumer's premises for all purposes necessary for the performance of this agreement, including the express right to trim any tree on the premises.
3. All facilities installed by Cooperative will remain the property of the Cooperative and may be removed by the Cooperative upon discontinuance of service.
4. Automatic control devices shall be set for lights to burn from approximately dusk to dawn. Cooperative will exercise reasonable diligence at all times to furnish Consumer service as herein set forth, but will not be liable in damages for any interruption, deficiency or failure of service for any reason whatsoever. Cooperative reserves the right to interrupt the service when such interruption is necessary for repairs to lines or equipment. Any interruption of services for any reason shall not constitute a breach of contract.

SERVICE

Rel. 540

Advice Notice No. 35
Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 12

CANCELLING SECOND REVISED RATE NO. 12

LIGHTING SERVICE

X Numerous Changes

Page 3 of 3

5. Cooperative will provide at its expense all necessary wiring, replacements, material and labor for repairs and maintenance, whereby the light may be installed on an existing pole, or, by installing one (1) additional 30/7 pole and secondary wire for each light, not to exceed 100 feet distance from existing service with 110/220 volt service is available. When, at the consumer's request, service is required at a location other than mentioned above, the consumer will provide the pole, secondary wire and necessary transformer equipment, prior to the construction. Cooperative reserves the right to cancel this agreement in the event of excessive damage to its equipment by vandalism, malicious mischief, or other causes.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

DEBT COST ADJUSTMENT:

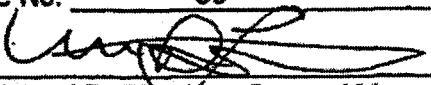
Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule No. 540.11.

FOR **SERVICE** 0.00

DEC 8 2000

Rule 540

Advice Notice No. 35

Signature: 

Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 15

200 NOV 30 AM 10 26

CANCELLING SECOND REVISED RATE NO. 15

AGRICULTURAL SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to consumers with motors of 20 horsepower or greater serving irrigation wells, irrigation machines, tail water pumps, and irrigation booster pumps located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages,

MONTHLY RATE:

Customer Charge – All Customers	\$65.00
Energy Charge – All kWh	6.95¢ / kWh

The rate set forth above shall be applicable upon ten (10) days written notice from the customer, commencing with the first complete billing cycle thereafter.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the customer charge plus an energy charge based on kWh usage assuming a load factor not less than thirty percent (30%). The Fuel and Purchased Power Cost Adjustment shall apply to kWh actually used.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

DEC 31 2009

**REPLACED BY NMPRC
BY Rule # 540**

Advice Notice No. 45

Signature: Michael D. Fletcher
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 15

CANCELLING SECOND REVISED RATE NO. 15

AGRICULTURAL SERVICE

X Numerous Changes

Page 2 of 3

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, the billing demand for the month will be adjusted for power factor as provided below.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

EFFECTIVE

DEC 31 2009

REPLACED BY NMPC
BY Rule #540

Advice Notice No. _____ 45

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 15

CANCELLING SECOND REVISED RATE NO. 15

AGRICULTURAL SERVICE

X Numerous Changes

Page 3 of 3

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule No. 540.11.

EFFECTIVE

DEC 31 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. 45

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE A
RESIDENTIAL SERVICE**

Page 1 of 2

AVAILABILITY:

Available to residential consumers, small schools, churches, community hall and other public buildings, for all rural and town uses requiring less than 50 KVA of transformer capacity, subject to established rules and regulations. The capacity of individual motors served under this schedule shall not exceed 10 HP.

TYPE OF SERVICE:

Single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATES:

Customer Charge – All Customers - \$12.35

Energy Charge – All kWh – 8.64¢/kWh

OPTIONAL RATE – Available at the option of the consumer:

Customer Charge – All Customers - \$15.60

Energy Charge:

6 a.m. to 9 p.m. Mountain Standard Time – 9.75¢/kWh

9 p.m. to 6 a.m. Mountain Standard Time – 6.00¢/kWh

Metering and timing devices must be installed to record usage during each specified time.

Billings under this schedule may be increased by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

The minimum monthly charge under the above rate where 5 KVA or less or transformer capacity is required shall be the customer charge. This minimum does not include any charges for kWh used, or applicable taxes.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172/kWh.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE A
RESIDENTIAL SERVICE**

Page 2 of 2

TEMPORARY PURCHASED POWER COST ADJUSTMENT:

Upon the approval of this tariff by the Arizona Corporation Commission, the Cooperative shall add to the consumer's net bill as computed above, a surcharge to amortize the one month unrecovered fuel and purchased power adjustment costs which the utility will realize upon the Commission's acceptance of the Cooperative's new base cost of purchased power. The amount of the surcharge per kWh and the duration to the application thereof shall be as directed by the Commission.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE B
SMALL COMMERCIAL**

Page 1 of 2

AVAILABILITY:

Available for commercial and industrial service requiring transformer capacity of 50 KVA or less, for all uses within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Single-phase and three-phase at available secondary voltages. Motors having a rated capacity in excess of ten horsepower must be three-phase.

MONTHLY RATE:

Customer Charge – All Customers - \$16.25
Energy Charge – All kWh – 8.22¢/kWh

OPTIONAL RATE – Available at the option of the consumer:

Customer Charge – All Customers - \$19.50
Energy Charge:
6 a.m. to 9 p.m. Mountain Standard Time – 9.22¢/kWh
9 p.m. to 6 a.m. Mountain Standard Time – 5.90¢/kWh

Metering and timing devices must be installed to record usage during each specified time.

Billings under this schedule may be increased by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE:

The minimum monthly charge under the above rate where 10 KVA or less or transformer capacity is required shall be the customer charge, plus applicable taxes. For consumers requiring more than 10 KVA of transformer capacity is required shall be the customer charge, plus applicable taxes. For consumers requiring more than 10 KVA of transformer capacity, the minimum monthly charge shall be increased by \$1.50 for each additional KVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the monthly minimum charge may be increased to assure adequate compensation for the added facilities. The minimum charge as computed above does not include any charges for kWh used.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE B
SMALL COMMERCIAL**

Page 2 of 2

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172/kWh.

TEMPORARY SERVICE:

Temporary service shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge the total cost of connecting and disconnecting service less the values of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of connections and disconnection.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

TEMPORARY PURCHASED POWER COST ADJUSTMENT:

Upon the approval of this tariff by the Arizona Corporation Commission, the Cooperative shall add to the consumer's net bill as computed above, a surcharge to amortize the one month unrecovered fuel and purchased power adjustment costs which the utility will realize upon the Commission's acceptance of the Cooperative's new base cost of purchased power. The amount of the surcharge per kWh and the duration to the application thereof shall be as directed by the Commission.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE I
ELECTRIC IRRIGATION SERVICE**

Page 1 of 2

AVAILABILITY:

Available to irrigation consumers located adjacent to the Cooperative's three-phase lines provided the Cooperative has sufficient available capacity, all subject to the established rules and regulations of the Cooperative covering this service.

MONTHLY RATE:

Customer Charge - All Customers - \$32.50
Energy Charge - All kWh - 9.20¢/kWh

OPTIONAL MONTHLY RATE

At the option of the customer:

Customer Charge - All Customers - \$45.50
Energy Charge:

During the period 6 a.m. to 9 p.m. Mountain Standard Time - 10.30¢/kWh
During the period 9 p.m. to 6 a.m. Mountain Standard Time - 6.00¢/kWh

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE:

The minimum monthly charge under the above rate shall be the customer charge. This minimum charge does not include any charges for kWh used, or applicable sales tax.

DETERMINATION OF CONNECTED HORSEPOWER:

The Cooperative shall determine the connected horsepower by name plate ratings of the motors, or at its option by test under conditions of maximum operating load.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain a power factor of not less than 90%. The Cooperative reserves the right to measure such power factor at any time. Should such measurement indicate that the power factor of the consumer is less than 90%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 90%, or, if the Cooperative shall so elect, the energy for billing purposes shall be the energy as indicated by the meter reading, multiplied by 90%, and divided by the percent power factor.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE I
ELECTRIC IRRIGATION SERVICE**

Page 2 of 2

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172/kWh.

TYPE OF SERVICE:

Single-phase or three-phase, at standard secondary voltages.

CONDITIONS OF SERVICE:

- 1.) Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100HP.
- 2.) All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within ten (10) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

TEMPORARY PURCHASED POWER COST ADJUSTMENT:

Upon the approval of this tariff by the Arizona Corporation Commission, the Cooperative shall add to the consumer's net bill as computed above, a surcharge to amortize the one month unrecovered fuel and purchased power adjustment costs which the utility will realize upon the Commission's acceptance of the Cooperative's new base cost of purchased power. The amount of the surcharge per kWh and the duration to the application thereof shall be as directed by the Commission.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE AS
AGRICULTURAL SERVICE**

Page 1 of 2

AVAILABILITY:

Available to consumers, including existing three-phase consumers with KW demand of 15 or greater, and motors of 20 horsepower or greater, located within the utility's service area, who are engaged in agricultural activities relating to the production of food and/or fiber, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATE:

Customer Charge – All Customers - \$65.00

Energy Charge – All kWh – 6.95¢/kWh

The rate set forth above shall be applicable upon thirty (30) days written notice from the customer, commencing with the first complete billing cycle thereafter. The rate is subject to termination upon thirty (30) days notice by the customer.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the customer charge plus an energy charge based on kWh usage assuming a load factor not less than thirty percent (30%). The Fuel and Purchased Power Cost Adjustment shall apply to kWh actually used.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, the billing demand for the month will be adjusted for power factor as provided below.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE AS
AGRICULTURAL SERVICE**

Page 2 of 2

CONDITIONS OF SERVICE:

- 1.) Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
- 2.) All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 kW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172/kWh.

COLUMBUS ELECTTRIC COOPERATIVE, INC.

ELECTRIC CONSUMER RATE
SCHEDULE 1S
LIGHTING SERVICE

Page 1 of 2

AVAILABILITY:

Available to all consumers within the utility's service area, subject to established rules and regulations.

TYPE OF SERVICE:

Single-phase, 60 cycle, at available secondary voltages.

MONTHLY RATE:

175 Watt Mercury Vapor Lamps	\$11.75 per month
400 Watt Mercury Vapor Lamps	\$23.50 per month
100 Watt High Pressure Sodium	\$13.50 per month

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increase by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the net rate per month as quoted above, as established by contract between the consumer and the utility in accordance with the utility's extension policy.

In lieu of metering each individual lighting service, the utility has assigned a standard kWh usage to each service as follows:

175 Watt Fixture - 80 kWh per month;
400 Watt Fixture - 180 kWh per month;
100 Watt Fixture - 42 kWh per month.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172.

CONDITIONS OF SERVICE:

- (1) The term of this Agreement shall be for a period of four (4) years from the date hereof and shall continue thereafter from term to term, unless a written notice to the contrary is given by either party to the other at least 60 days prior to the expiration of the original term or of any renewal thereof.
- (2) The consumer hereby grants to Cooperative all easements necessary for Cooperative to install the electrical equipment upon the Consumer's property, and hereby grants Cooperative, its agents and employees, the right of ingress and egress to Consumer's premises for all purposes necessary for the performance of this agreement, including the express right to trim any tree on the premises.
- (3) All facilities installed by Cooperative will remain the property of the Cooperative and may be removed by the Cooperative upon discontinuance of service.

COLUMBUS ELECTTRIC COOPERATIVE, INC.

ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE

Page 2 of 2

- (4) Automatic control devices shall be set for lights to burn from approximately dusk to dawn. Cooperative will exercise reasonable diligence at all times to furnish Consumer service as herein set forth, but will not be liable in damages for any interruption, deficiency or failure of service for any reason whatsoever. Cooperative reserves the right to interrupt the service when such interruption is necessary for repairs to lines or equipment. Any interruption of services for any reason shall not constitute a breach of contract.
- (5) Cooperative will provide at its expense all necessary wiring, replacements, material and labor for repairs and maintenance, whereby the light may be installed on an existing pole, or, by installing one (1) additional 30/7 pole and secondary wire for each light, not to exceed 100 feet distance from existing service with 110/220 volt service is available. When, at the consumer's request, service is required at a location other than mentioned above, the consumer will provide the pole, secondary wire and necessary transformer equipment, prior to the construction. Cooperative reserves the right to cancel this agreement in the event of excessive damage to its equipment by vandalism, malicious mischief, or other causes.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of the bill.

TEMPORARY PURCHASED POWER COST ADJUSTMENT:

Upon the approval of this tariff by the Arizona Corporation Commission the Cooperative shall add to the consumer's net bill as computed above, a surcharge to amortize the one month unrecovered fuel and purchased power adjustment costs which the utility will realize upon the Commission's acceptance of the Cooperative's new base cost of purchased power. The amount of surcharge per kWh and the duration to the application thereof shall be as directed by the Commission.

H

COLUMBUS ELECTRIC COOPERATIVE, INC.

SECTION H

RATE SCHEDULES – PROPOSED RATES

NEW MEXICO

ARIZONA

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 1

CANCELLING FOURTH REVISED RATE NO. 1

NEW MEXICO RESIDENTIAL SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available for single-family houses, individual apartments, or separate living quarters ordinarily designated and recognized as single-family living quarters for primary domestic or home use and for livestock water pumping. Service under this Schedule is not available for multiple unit trailer parks, commercial, professional or business establishments within the utility's service area, subject to established rules and regulations. The capacity of individual motors served under this schedule shall not exceed 10 HP.

TYPE OF SERVICE:

Single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATE:

Customer Charge – All Customers	\$ 20.00
Energy Charge – All kWh	11.507¢ / kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer. This rate will not be available after December 2013:

Customer Charge – All Customers	\$ 23.50
Energy Charge – All kWh	
From 6:00 a.m. to 9:00 p.m.	13.500¢ / kWh
From 9:00 p.m. to 6:00 a.m.	8.524¢ / kWh

Metering and timing devices must be installed to record usage during each specified time. The cost of the equipment installed is to be paid by the Cooperative.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 1

CANCELLING FOURTH REVISED RATE NO. 1

NEW MEXICO RESIDENTIAL SERVICE

X Numerous Changes

Page 2 of 3

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of the bill.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

ACCESSIBILITY

Equipment used to provide service must be physically accessible.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 1

CANCELLING FOURTH REVISED RATE NO. 1

NEW MEXICO RESIDENTIAL SERVICE

X Numerous Changes

Page 3 of 3

LIMITATION OF THE RATE

Electric Service under this schedule shall not be resold or shared with others.

INTERRUPTION OF SERVICE

The company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 2

CANCELLING FOURTH REVISED RATE NO. 2

NEW MEXICO SMALL COMMERCIAL SERVICE

X Numerous Changes

AVAILABILITY:

Page 1 of 3

Available for commercial and industrial service requiring installed transformer capacity of 50 KVA or less, for all uses within the utility's service area, subject to the established rules and regulations. Customer's peak must be less than 50kW for at least 11 months during the previous 12 continuous months. Should the customer's demand exceed this 50kW requirement for two months in a continuous 12 month period, the service will be transferred to the Large Commercial Rate. The Cooperative reserves the right to install metering equipment to determine if this provision applies.

TYPE OF SERVICE:

Single-phase and three-phase at secondary voltages. Motors having a rated capacity in excess of ten horsepower must be three-phase.

MONTHLY RATE:

Customer Charge – All Customers	\$35.00
Energy Charge – All kWh	10.821¢ /kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer: This rate will not be available after December 2013:

Customer Charge – All Customers	\$38.50
Energy Charge – All kWh	
From 6:00 a.m. to 9:00 p.m.	13.725¢/ kWh
From 9:00 p.m. to 6:00 a.m.	8.746¢/kWh

Metering and timing devices must be installed to record usage during each specified time.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 2

CANCELLING FOURTH REVISED RATE NO. 2

NEW MEXICO SMALL COMMERCIAL SERVICE

X Numerous Changes

Page 2 of 3

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate where 10 KVA or less of transformer capacity is required shall be the customer charge plus applicable taxes. For consumers requiring more than 25KVA of transformer capacity, the minimum monthly charge shall be increased by \$1.50 for each additional KVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the monthly minimum charge may be increased to assure adequate compensation for the added facilities. The minimum charge as computed above does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

TEMPORARY SERVICE:

The utility shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of connection and disconnection.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 2

CANCELLING FOURTH REVISED RATE NO. 2

NEW MEXICO SMALL COMMERCIAL SERVICE

X Numerous Changes

Page 3 of 3

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

ACCESSIBILITY:

Equipment used to provide electric service must be physically accessible.

LIMITATION OF THE RATE:

Electric service under this schedule shall not be resold or shared with others.

INTERRUPTION OF SERVICE

The company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

SIXTH REVISED RATE NO. 3

CANCELLING FIFTH REVISED RATE NO. 3

NEW MEXICO IRRIGATION SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to irrigation consumers located within the utility's service area, subject to the established rules and regulations. This schedule is available **ONLY** for irrigation pumping installations of not less than 10HP.

TYPE OF SERVICE:

Three-phase at secondary voltages.

MONTHLY RATE:

Customer Charge – All Customers	\$75.00
Energy Charge – All kWh	12.20¢ /kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer: This rate will not be available after December 2013

Customer Charge – All Customers	\$78.50
Energy Charge – All kWh	
During the period 6:00 a.m. to 9:00 p.m. MST	13.00¢ / kWh
During the period 9:00 p.m. to 6:00 a.m. MST	8.055¢ / kWh

Metering and timing devices shall be installed at Cooperative expense to record usage during each specified time.

The optional rate set forth above is voluntary and shall be applicable with the first complete billing cycle after receipt of the customer's written request. Customers electing service under the monthly time-of-use rate may transfer to the Agricultural Service rate beginning with the next complete billing cycle after receipt of written request.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

SIXTH REVISED RATE NO. 3

CANCELLING FIFTH REVISED RATE NO. 3

NEW MEXICO IRRIGATION SERVICE

X Numerous Changes

Page 2 of 3

the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum charge does not include any charges for kWh used.

DETERMINATION OF CONNECTED HORSEPOWER:

The cooperative shall determine the connected horsepower by name plate rating of the motors, or at its option by test under conditions of maximum operating load.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain a power factor of not less than 90%. The cooperative reserves the right to measure such power factor at any time. Should such measurement indicate that the power factor of the consumer is less than 90%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 90%, or, if the cooperative shall so elect, the energy for billing purposes shall be the energy as indicated by the meter reading, multiplied by 90%, and divided by the percent power factor.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.540 NMAC.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

SIXTH REVISED RATE NO. 3

CANCELLING FIFTH REVISED RATE NO. 3

NEW MEXICO IRRIGATION SERVICE

X Numerous Changes

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B. Primary Voltage 14,400 volts, motors =>100 H.P.

2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

LIMITATION OF RATE

Electric service under this schedule is not available for standby service and shall not be resold or shared with others. Upon abandonment or failure to use water pumped with electric power for two irrigation seasons, or if lands are irrigated by water from other sources, the Cooperative may remove its facilities without any liability to consumer.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 5

CANCELLING FOURTH REVISED RATE NO. 5

NEW MEXICO LARGE POWER SERVICE

X Numerous Changes

Page 1 of 4

AVAILABILITY:

Available to consumers including existing single-phase consumers located within the utility's service area, requiring transformer capacity of 50 KVA, but not more than 350 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATE:

Customer Charge – All Customers	\$360.00
Demand Charge	\$16.50 / KW
Energy Charge – All kWh	5.254¢ / kWh

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

CONDITION OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 5

CANCELLING FOURTH REVISED RATE NO. 5

NEW MEXICO LARGE POWER SERVICE

X Numerous Changes

Page 2 of 4

2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point shall be considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

MINIMUM MONTHLY CHARGES:

The monthly minimum charge shall be the highest one of the following charges as determined for the consumer in questions.

1. The minimum monthly charge specified in the contract for service.
2. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 5

CANCELLING FOURTH REVISED RATE NO. 5

NEW MEXICO LARGE POWER SERVICE

X Numerous Changes

Page 3 of 4

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, during the month adjusted for power factor as provided below.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 5

CANCELLING FOURTH REVISED RATE NO. 5

NEW MEXICO LARGE POWER SERVICE

X Numerous Changes

Page 4 of 4

ACCESSIBILITY:

Equipment used to provide electric service must be physically accessible.

LIMITATION OF THE RATE:

Electric service under this schedule is not available for standby service, shall not be resold or shared with others.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 6

CANCELLING FOURTH REVISED RATE NO. 6

NEW MEXICO INDUSTRIAL SERVICE

X Numerous Changes

Page 1 of 4

AVAILABILITY:

Available to consumers located within the utility's service area, requiring transformer capacity in excess of 350 KVA but not more than 2,000 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATES:

Customer Charge – All Customers	\$600.00
Demand Charge	\$17.00 / KW
Energy Charge – All kWh	5.592¢ / kWh

CONDITION OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point shall be considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 6

CANCELLING FOURTH REVISED RATE NO. 6

NEW MEXICO INDUSTRIAL SERVICE

X Numerous Changes

Page 2 of 4

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the highest one of the following charges as determined for the customer in question.

1. The minimum monthly charge specified in the contract for service.
2. \$1.25 per KVA of installed transformer capacity.
3. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 6

CANCELLING FOURTH REVISED RATE NO. 6

NEW MEXICO INDUSTRIAL SERVICE

X Numerous Changes

Page 3 of 4

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period, if applicable, during the month adjusted for power factor as provided below.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510/kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 6

CANCELLING FOURTH REVISED RATE NO. 6

NEW MEXICO INDUSTRIAL SERVICE

X Numerous Changes

Page 4 of 4

LIMITATION OF RATE

Electric service under this schedule is not available for standby service and shall not be resold or shared with others. .

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 12

CANCELLING THIRD REVISED RATE NO. 12

NEW MEXICO LIGHTING SERVICE

X Numerous Changes

Page 1 of 4

AVAILABILITY:

Available to all consumers within the utility's service area by contract where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served, subject to the established rules and regulations.

Pursuant to the Federal Energy Policy Act of 2005, mercury vapor lamp ballast shall not be manufactured or imported after January 1, 2008. When the Company's inventory of mercury vapor ballasts and lamps is exhausted, customers will be given the option of having the lighting removed, or replaced with another type of light at the rate for the replacement light.

TYPE OF SERVICE:

Single-phase, 60 cycle, at available secondary voltages.

RATE: Unmetered wooden pole, where the Cooperative furnishes poles and fixtures.

175 Watt Mercury Vapor Lamps	\$15.25per month
400 Watt High Pressure Sodium	\$32.45 per month
100 Watt High Pressure Sodium	\$16.25 per month

Underground service for Cooperative owned unmetered street lighting is not available for new installations after July 1, 2013.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 12

CANCELLING THIRD REVISED RATE NO. 12

NEW MEXICO LIGHTING SERVICE

X Numerous Changes

Page 2 of 4

MINIMUM MONTHLY RATE:

The monthly minimum charge under the above rate shall be the net rate per month as quoted above or as established by contract between the consumer and the utility in accordance with the utility's extension policy.

In lieu of metering each individual lighting service, the utility has assigned a standard kWh usage to each service as follows:

- 175 Watt Fixtures – 80 kWh per month;
- 400 Watt Fixtures – 180 kWh per month;
- 100 Watt Fixtures – 42 kWh per month.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule No. 17.9.550 NMAC.

CONDITIONS OF SERVICE:

1. The term of this Agreement shall be for a period of four (4) years from the date hereof and shall continue thereafter from term to term, unless a written notice to the contrary is given by either party to the other at least 60 days prior to the expiration of the original term or of any renewal thereof.
2. The consumer hereby grants to Cooperative all easements necessary for Cooperative to install the electrical equipment upon the Consumer's property, and hereby grants Cooperative, its agents and employees, the right of ingress and egress to Consumer's premises for all purposes necessary for the performance of this agreement, including the express right to trim any tree on the premises.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 12

CANCELLING THIRD REVISED RATE NO. 12

NEW MEXICO LIGHTING SERVICE

X Numerous Changes

Page 3 of 4

3. All facilities installed by Cooperative will remain the property of the Cooperative and may be removed by the Cooperative upon discontinuance of service.
4. Automatic control devices shall be set for lights to burn from approximately dusk to dawn. Cooperative will exercise reasonable diligence at all times to furnish Consumer service as herein set forth, but will not be liable in damages for any interruption, deficiency or failure of service for any reason whatsoever. Cooperative reserves the right to interrupt the service when such interruption is necessary for repairs to lines or equipment. Any interruption of services for any reason shall not constitute a breach of contract.
5. Cooperative will provide at its expense all necessary wiring, replacements, material and labor for repairs and maintenance, whereby the light may be installed on an existing pole, or, by installing one (1) additional 30/6 pole and secondary wire for each light, not to exceed 125 feet distance from existing service with 110/220 volt service is available. When, at the consumer's request, service is required at a location other than mentioned above, the consumer will provide the pole, secondary wire and necessary transformer equipment, prior to the construction. Cooperative reserves the right to cancel this agreement in the event of excessive damage to its equipment by vandalism, malicious mischief, or other causes.
6. The Cooperative reserves the right to remove lamp and appurtenances at any time in the event more than two calls per year become necessary due to vandalism or other causes over and above regular maintenance required, unless the consumer agrees to pay for the additional calls and cost incurred.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 12

CANCELLING THIRD REVISED RATE NO. 12

NEW MEXICO LIGHTING SERVICE

X Numerous Changes

Page 4 of 4

LATE PAYMENT CHARGE:

A late payment charge of two percent (2%) per billing period or fraction thereof will be charged on all utility service bills and invoices which are delinquent per the provision of the tariff.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule No. 17.9.540 NMAC.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 15

CANCELLING THIRD REVISED RATE NO. 15

NEW MEXICO AGRICULTURAL SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to consumers, with motors of 20 horsepower or greater serving irrigation wells, irrigation machines, tail water pumps, and irrigation booster pumps located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages,

MONTHLY RATE:

Customer Charge – All Customers	\$110.00
Energy Charge – All kWh	10.493¢/kWh

The rate set forth above shall be applicable upon ten (10) days within written notice from the customer, commencing with the first complete billing cycle thereafter.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the customer charge plus an energy charge based on kWh usage assuming a load factor not less than thirty percent (30%). The Fuel and Purchased Power Cost Adjustment shall apply to kWh actually used.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 15

CANCELLING THIRD REVISED RATE NO. 15

NEW MEXICO AGRICULTURAL SERVICE

X Numerous Changes

Page 2 of 3

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, the billing demand for the month will be adjusted for power factor as provided below.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors \Rightarrow 50 H.P.
 - B. Primary Voltage 14,400 volts, motors \Rightarrow 100 H.P.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 15

CANCELLING THIRD REVISED RATE NO. 15

NEW MEXICO AGRICULTURAL SERVICE

X Numerous Changes

Page 3 of 3

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule No. 17.9.540 NMAC.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

LIMITATION OF RATE

Electric service under this schedule is not available for standby service and shall not be resold or shared with others. Upon abandonment or failure to use water pumped with electric power for two irrigation seasons, or if lands are irrigated by water from other sources, the Cooperative may remove its facilities without any liability to consumer.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

SCHEDULE A

ARIZONA RESIDENTIAL SERVICE

Page 1 of 2

AVAILABILITY:

Available to residential consumers, small schools, churches, and community halls requiring less than 50 KVA of transformer capacity, for all rural and town uses within the utility's service area, subject to established rules and regulations. The capacity of individual motors served under this schedule shall not exceed 10 HP.

TYPE OF SERVICE:

Single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATE:

Customer Charge – All Customers	\$20.00
Energy Charge – All kWh	11.507¢ / kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer:

Customer Charge – All Customers	\$23.50
Energy Charge – All kWh	
From 6:00 a.m. to 9:00 p.m.	13.500¢ / kWh
From 9:00 p.m. to 6:00 a.m.	8.524¢ / kWh

Metering and timing devices must be installed to record usage during each specified time. The cost of the equipment installed is to be paid by the Cooperative.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

SCHEDULE A

ARIZONA RESIDENTIAL SERVICE

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of the bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE B
SMALL COMMERCIAL SERVICE**

Page 1 of 2

AVAILABILITY:

Available for commercial and industrial service requiring installed transformer capacity of 50 KVA or less, for all uses within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Single-phase and three-phase at secondary voltages. Motors having a rated capacity in excess of ten horsepower must be three-phase.

MONTHLY RATE:

Customer Charge – All Customers	\$ 35.00
Energy Charge – All kWh	10.821¢ / kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer:

Customer Charge – All Customers	\$ 38.50
Energy Charge – All kWh	
From 6:00 a.m. to 9:00 p.m.	13.725¢ / kWh
From 9:00 p.m. to 6:00 a.m.	8.746¢ / kWh

Metering and timing devices must be installed to record usage during each specified time.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE B
SMALL COMMERCIAL SERVICE**

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate where 10 KVA or less of transformer capacity is required shall be the customer charge plus applicable taxes. For consumers requiring more than 10 KVA of transformer capacity, the minimum monthly charge shall be increased by \$1.50 for each additional KVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the monthly minimum charge may be increased to assure adequate compensation for the added facilities. The minimum charge as computed above does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

TEMPORARY SERVICE:

The utility shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of connection and disconnection.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTIC CONSUMER RATE
SCHEDULE I
ELECTRIC IRRIGATION SERVICE**

Page 1 of 2

AVAILABILITY:

Available to irrigation consumers located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase at secondary voltages.

MONTHLY RATE:

Customer Charge – All Customers	\$75.00
Energy Charge – All kWh	12.20 ¢ / kWh

MONTHLY TIME-OF-USE RATE – at the option of the customer:

Customer Charge – All Customers	\$78.50
Energy Charge – All kWh	
During the period 6:00 a.m. to 9:00 p.m. MST	13.00¢ / kWh
During the period 9:00 p.m. to 6:00 a.m. MST	8.055¢ / kWh

Metering and timing devices shall be installed at Cooperative expense to record usage during each specified time.

The optional rate set forth above is voluntary and shall be applicable with the first complete billing cycle after receipt of the customer's written request. Customers electing service under the monthly time-of-use rate may transfer to the Agricultural Service rate beginning with the next complete billing cycle after receipt of written request.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE I
ELECTRIC IRRIGATION SERVICE**

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum charge does not include any charges for kWh used or applicable sales tax.

DETERMINATION OF CONNECTED HORSEPOWER:

The cooperative shall determine the connected horsepower by name plate rating of the motors, or at its option by test under conditions of maximum operating load.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain a power factor of not less than 90%. The cooperative reserves the right to measure such power factor at any time. Should such measurement indicate that the power factor of the consumer is less than 90%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 90%, or, if the cooperative shall so elect, the energy for billing purposes shall be the energy as indicated by the meter reading, multiplied by 90%, and divided by the percent power factor.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

CONDITIONS OF SERVICE:

- A. Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
- B. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE AS
AGRICULTURAL SERVICE**

Page 1 of 2

AVAILABILITY:

Available to consumers with motors of 20 horsepower or greater serving irrigation wells, irrigation machines, tail water pumps, and irrigation booster pumps, located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages,

MONTHLY RATE:

Customer Charge – All Customers	\$ 110.00
Energy Charge – All kWh	10.493¢ / kWh

The rate set forth above shall be applicable upon ten (10) days written notice from the customer, commencing with the first complete billing cycle thereafter.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the customer charge plus an energy charge based on kWh usage assuming a load factor not less than thirty percent (30%). The Fuel and Purchased Power Cost Adjustment shall apply to kWh actually used.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE AS
AGRICULTURAL SERVICE**

Page 2 of 2

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, the billing demand for the month will be adjusted for power factor as provided below.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
2. Wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE**

Page 1 of 3

AVAILABILITY:

Available to all consumers within the utility's service area, subject to the established rules and regulations.

Pursuant to the Federal Energy Policy Act of 2005, mercury vapor lamp ballast shall not be manufactured or imported after January 1, 2008. When the Company's inventory of mercury vapor ballasts and lamps is exhausted, customers will be given the option of having the lighting removed, or replaced with another type of light at the rate for the replacement light.

TYPE OF SERVICE:

Single-phase, 60 cycle, at available secondary voltages.

MONTHLY RATE:

175 Watt Mercury Vapor Lamps	\$15.25 per month
400 Watt High Pressure Sodium	\$32.45 per month
100 Watt High Pressure Sodium	\$16.25per month

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE**

Page 2 of 3

MINIMUM MONTHLY RATE:

The monthly minimum charge under the above rate shall be the net rate per month as quoted above or as established by contract between the consumer and the utility in accordance with the utility's extension policy.

In lieu of metering each individual lighting service, the utility has assigned a standard kWh usage to each service as follows:

175 Watt Fixtures – 80 kWh per month;
400 Watt Fixtures – 180 kWh per month;
100 Watt Fixtures – 42 kWh per month.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

CONDITIONS OF SERVICE:

1. The term of this Agreement shall be for a period of four (4) years from the date hereof and shall continue thereafter from term to term, unless a written notice to the contrary is given by either party to the other at least 60 days prior to the expiration of the original term or of any renewal thereof.
2. The consumer hereby grants to Cooperative all easements necessary for Cooperative to install the electrical equipment upon the Consumer's property, and hereby grants Cooperative, its agents and employees, the right of ingress and egress to Consumer's premises for all purposes necessary for the performance of this agreement, including the express right to trim any tree on the premises.
3. All facilities installed by Cooperative will remain the property of the Cooperative and may be removed by the Cooperative upon discontinuance of service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE**

Page 3 of 3

4. Automatic control devices shall be set for lights to burn from approximately dusk to dawn. Cooperative will exercise reasonable diligence at all times to furnish Consumer service as herein set forth, but will not be liable in damages for any interruption, deficiency or failure of service for any reason whatsoever. Cooperative reserves the right to interrupt the service when such interruption is necessary for repairs to lines or equipment. Any interruption of services for any reason shall not constitute a breach of contract.
5. Cooperative will provide at its expense all necessary wiring, replacements, material and labor for repairs and maintenance, whereby the light may be installed on an existing pole, or, by installing one (1) additional 30/6 pole and secondary wire for each light, not to exceed 100 feet distance from existing service with 110/220 volt service is available. When, at the consumer's request, service is required at a location other than mentioned above, the consumer will provide the pole, secondary wire and necessary transformer equipment, prior to the construction. Cooperative reserves the right to cancel this agreement in the event of excessive damage to its equipment by vandalism, malicious mischief, or other causes.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LP
LARGE POWER SERVICE**

Page 1 of 3

AVAILABILITY:

Available to consumers including existing single-phase consumers located within the utility's service area, requiring transformer capacity of 50 KVA, but not more than 350 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATE:

Customer Charge – All Customers	\$360.00
Demand Charge	\$16.50 / KW
Energy Charge – All kWh	5.254¢ / kWh

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

CONDITION OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point shall be considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LP
LARGE POWER SERVICE**

Page 2 of 3

MINIMUM MONTHLY CHARGES:

The monthly minimum charge shall be the highest one of the following charges as determined for the consumer in questions.

1. The minimum monthly charge specified in the contract for service.
2. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, during the month adjusted for power factor as provided below.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LP
LARGE POWER SERVICE**

Page 3 of 3

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

ACCESSIBILITY:

Equipment used to provide electric service must be physically accessible.

LIMITATION OF THE RATE:

Electric service under this schedule is not available for standby service, shall not be resold or shared with others.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE IS
INDUSTRIAL SERVICE**

Page 1 of 3

AVAILABILITY:

Available to consumers located within the utility's service area, requiring transformer capacity in excess of 350 KVA but not more than 2,000 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATES:

Customer Charge – All Customers	\$ 600.00
Demand Charge	\$ 17.00 / KW
Energy Charge – All kWh	5.592¢ / kWh

CONDITION OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point shall be considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE IS
INDUSTRIAL SERVICE**

Page 2 of 3

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the highest one of the following charges as determined for the customer in question.

1. The minimum monthly charge specified in the contract for service.
2. \$1.25 per KVA of installed transformer capacity.
3. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period, if applicable, during the month adjusted for power factor as provided below.

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POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510 /kWh.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

LIMITATION OF RATE

Electric service under this schedule is not available for standby service and shall not be resold or shared with others.